

STREP-A RAPID TEST, ACCURATE RESULTS IN 5 MINUTES

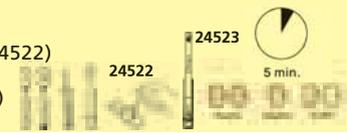
- 24522 STREP-A - device - box of 20 tests
- 24523 STREP-A - strip - box of 25 tests



Provides accurate results in few minutes, with a simple procedure easy to perform and to interpret. Immediate diagnosis facilitates patient treatment decisions in the same office visit. Room temperature storage. It includes 20 devices or 25 strips tests (single pack), 2 reagents, 20 (25) tubes and swabs. Multilanguage manual and package. For professional use.

Procedure:

- add 4 drops Reagent A, then drops reagent B
- rotate swab 10 times, wait 1 minute, then remove swab while squeezing tube to remove liquid
- add dropper tip to top of tube (24522)
- add 3 drops of specimen (24522)
- immerse strip in specimen (24523)
- read results after 5 minutes



URINE ANALYSIS SYSTEM WITH PRINTER AND URINE STRIPS



GERMAN TECHNOLOGY AND ACCURACY

24050

- 24050 URINE LAB
- 33250 PRINTER PAPER - box of 5 rolls

Urine Lab is a small urine test strip reader with modern CCD measurement technology and many features that facilitate daily routine operations. To be used with urine strips 24062 only. Manual in English, German, Italian.

TECHNICAL SPECIFICATIONS

Measurements: 40 meas./hour in convenient mode 120 meas./hour in fast mode
 Memory: 500 measurements with date and time
 Display: 2 x 24 character LCD-Display
 Printer: Low noise thermal printer with paper roll for more than 300 meas.
 Printout: Current number measurement, Date and time, Serial No. of the meter, patient-I-D, Asterisk on pathological results, Parameters can be printed in SI-units, Conventional units and arbitrary units
 Accuracy: Meter adjustment in 5 levels according to individual requirements
 Instrument check: 2 control strips for check of calibration of urine lab (included)
 Power supply: 100-240 V, 50-60 Hz Made in Germany



24060

24061

24062

- 24060 URINE STRIPS - 3 parameters - tube of 100 strips
- Glucose - Protein - pH

Results can be read directly on the strip (after about 60 seconds) and compared with the label on the bottle. Supplied in metal tube in single carton box. For professional use.

Manual in English, French, Greek, Italian, Spanish, Portuguese. Dutch and German available on request. Made in Germany

- 24061 URINE STRIPS - 10 parameters - tube of 100 strips

- Same as code 24060 with 10 parameters.
- Leucocytes - Blood
- Nitrite - Specific gravity
- Urobilinogen - Ketones (acetoacetic acid)
- Protein (albumin) - Bilirubin
- pH - Glucose

- 24062 URINE STRIPS - 11 parameters - tube of 150 strips

Same as code 24061 plus one parameter: ascorbic acid
 Results can be read on the strips or printed through code 24050.

OTC, SINGLE PACK URINE STRIPS: UTI, GLU/KET AND 10/11 PARAMETERS

SELF TEST CE 0197

Benefits of OTC Urine Testing

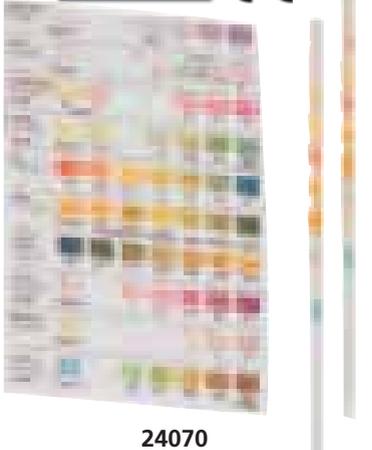
- Convenient: Perform a simple urine test in the comfort of your home, easy to test and read
- Accurate: Obtain reliable results by using the same strips that your doctor uses
- Affordable: Inexpensive testing without the need of laboratory analyzers or home meters
- Fast: Instant result after 2 minutes
- Individually packaged strip in pouch for single testing. This packaging in closed pouch allows 18 months shelf life for strip compared 3 months for remaining strips in an opened canister.

- 24065 GLU/KET STRIP - OTC box containing 3 pouches of 3 strips - CE 0483 - self test
- Glucose: - Monitor and check excessive glucose in diabetics with screening for a general health check
- Ketone: - Control diabetics by looking for excessive ketones due to low levels of insulin
- Monitor ketones for sufficient levels during low calorie or low carb diets

- 24066 UTI STRIP - URINARY TRACT INFECTION - OTC box containing 3 pouches of 3 strips - CE 0483 - self test
- Effective check Nitrate and Leukocytes in one test for screening of UTI
- Detect UTI before symptoms are present or before experiencing pain

- 24070 10 PARAMETER STRIP - OTC box containing 3 pouches of 3 strips - CE 0483 - self test
- 24071 11 PARAMETER STRIP - box containing 5 pouches of 3 strips - CE for professional use

- Global check/screening for general health condition
- Confirm level of Leukocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific Gravity, Ketone, Bilirubin, Glucose, Ascorbic Acid (24071 only) in 1 strip
- Check for healthy nutrition, urinary tract infection, tumors, kidney damage, gout, fever, cirrhosis, viral hepatitis, liver disease, congestive heart failure, jaundice, diabetes and acute renal failure.



24070



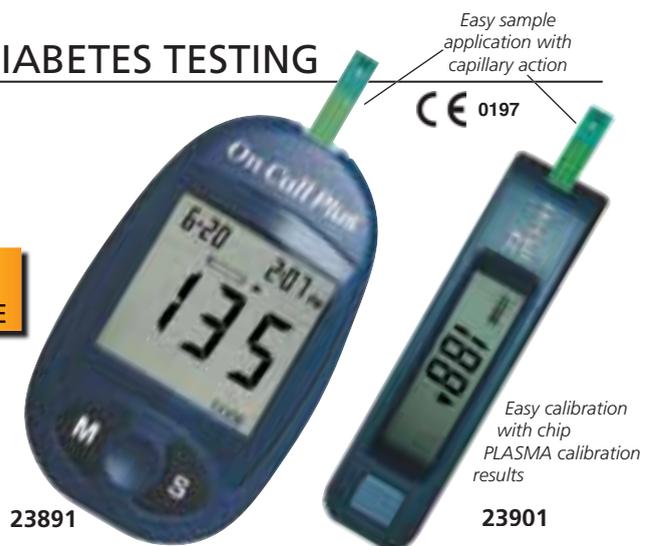
GLUCOSE MONITORS FOR DAILY DIABETES TESTING

Advanced technology glucose monitors kits or meters. Plus model is available as unit only or complete kit. EZ model only in complete kit. Kit includes 15 strips, code chip, control solution, 15 sterile lancets, lancet device, clear cap (for testing on forearm or palm), carrying case, user manuals, logbook.

Main features:

- Accurate result in just 10 seconds.
- Only 1 µl sample size.
- Automatic calibration with code chip.
- Plasma calibration results.
- Advanced data management with 7, 14, 30 days average (only plus model).
- Affordable for frequent monitoring.
- Flexibility to test on the forearm, palm or fingertip.

- BIOSENSOR TECHNOLOGY
- 10 SECOND TEST TIME
- ONLY 1 µL BLOOD SAMPLE



TECHNICAL SPECIFICATIONS	
Measurement Range	8 mmol/L (20 to 600 mg/dL)
Sample Sites	Finger tips, Forearm or palm
Sample Size	1 µL
Test Time	Approximately 10 seconds
Power Source	One 2032 or equivalent 3.0V coin cell battery
Battery Life	12 months or approximately 1,000 tests
Memory Plus	Up to 300 records with time and date
EZ	Last 30 results, no averaging, no date/time

Italian Greek	English French	Spanish Portuguese	ON CALL® GLUCOSE MONITOR
23901*	-	-	Glucose monitor EZ-kit
23890	23891	23892	Glucose monitor Plus-meter only
23895	23896	23897	Glucose monitor Plus-kit

*Sold in Italian/Greek box with 6 languages manual (Italian, Greek, English, French, Spanish, Portuguese)

GIMA code	Accessories and consumable for GLUCOSE MONITOR
23910	Glucose Strips - box of 25 strips
23912	Glucose Strips - box of 50 strips
23914	Control Solution
23915	Auto lancet device "On Call"
23916	Lancets 28G for 23915 - box of 100 pcs.



SAFETY AUTOMATIC LANCETS

ONE-STEP SAFETY AUTOMATIC LANCETS

Multi purpose capillary blood sampling devices for all testing requirements. The one-step safety lancet is easier to use, no arming is required, and safer, once lancet is used it is rendered inoperable. High-speed delivery and penetration method minimizes patient pain and operator error.

Latex-free, hypo-allergenic, disposable.



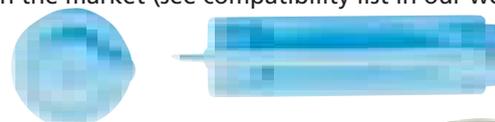
ONE-STEP SAFETY AUTOMATIC LANCETS							
GIMA code	Type	Depth of penetration	Gauge	Blood Flow	Finger Stick	Glucose	Minimum order
24513	needle	1.0 mm	G26	5-10 µl	•	•	box of 100
24515	needle	2.2 mm	G22	20-40 µl	•	•	box of 100

LANCETS AND LANCET DEVICE

- 23915 AUTO LANCET DEVICE "ON CALL"
Reusable auto lancet devices, in plastic for years use. Adjustable tip, allows precise configuration of lancet penetration.



- 23940 LANCETS - 28G - box of 25 pcs - expires 01/2011
 - 23941 LANCETS - 28G - box of 50 pcs - expires 01/2011
 - 23916 LANCETS - 28G - box of 100 pcs
- Lancets can be used with code 23915 and most of lancets devices in the market (see compatibility list in our website).



AROMATIC HERBAL BATHS

GIMA code	AROMATIC HERBAL BATHS	Minimum order
12101	Balmint and valerian	box of 60
12102	Eucalyptus and citrus fruits	box of 60
12103	Juniper and pine	box of 60
12104	Camomile and marigold	box of 60
12105	Lavender	box of 60
12106	Thyme	box of 60
12110	Mixed essences (10 bags of each essence) Bags in Italian language only	box of 60



CHOLESTEROL, TRIGLYCERIDES, GLUCOSE POCKET MONITORS

- 23948 MULTICARE KIT - English/Spanish, manual
- 23949 MULTICARE KIT - Italian manual
- 23950 MULTICARE KIT + 10 glucose strips - English/Italian manual

Unique diagnostic device for self-check of glucose, cholesterol and triglycerides. Multi-parameter technology allows to measure, with the same reflectometer, different parameters by simply changing type of strips: in fact, there is a chip in each pack of strips that is specific for each analyses. Regular measuring of these three parameters is important to **prevent cardiovascular pathologies** if we consider that intolerance to glucose, hyper-cholesterolemia and hyper-triglyceridemia are three of the main cardiovascular risk factors, along with the age, obesity, lifestyle, smoking and arterial hypertension (English, Italian). Multicare is supplied in 3 language carton box (English, Italian, Spanish) with a nylon bag, 10 glucose strips (23950 only), lancet device, 10 lancets, user manual (English, Italian, Spanish as above). Available on request French and Portuguese manual.

23951 MULTICARE DISPLAY KIT

Includes display, multicare kit (23948), glucose strips (23955), cholesterol strips (23957), triglycerides strips (23959), 50 leaflets (English/Spanish).

GIMA code	STRIPS AND CONTROL SOLUTION FOR MULTICARE
23955	Glucose strips - tube of 25 strips + 1 chip
23956	Glucose strips - tube of 50 strips + 1 chip
23957	Cholesterol strips - tube of 5 strips + 1 chip
23954	Cholesterol strips - tube of 5 strips - expiry 30/09/2009
23958	Cholesterol strips - tube of 25 strips + 1 chip
23959	Triglycerides strips - tube of 5 strips + 1 chip
23960	Triglycerides strips - tube of 25 strips + 1 chip
23961	Glucose control solution
23962	Cholesterol control solution
23963	Triglycerides control solution



Practical
Device activation by inserting the strip or by pushing the button

Versatile
Blood drop can be applied both on the inserted strip and on the external strip

Innovative
Reduced blood volume 3 microfilters of blood are needed for the test.



CE 0123

SELF TEST DEVICE

100% Italian technology

Wide display for easy reading

Multifunction
Each strip box has its own codified chip for safe measurement

23950



TECHNICAL SPECIFICATIONS

Measuring range: 25-500mg/dl (1.4-28 mmol/l) Batteries: 2 batteries
 Display: LCD Cr 2032 3 Volts (32212)
 Temperature: 10-40°C Size: 48x105x22 mm
 Memory: 255 test results with date and time Weight: 70 g

"MULTICARE IN" - SELF CONTROL OF RISK FACTOR

• 23965 MULTICARE "IN" KIT

A new approach for the periodical self-monitor of risk factors - cholesterol, triglycerides and glucose. The only device on sale with reflect-metrical and electro-chemical bio sensor suction. "Multicare in" is supplied in carton box with a nylon bag 10 glucose strips, lancet device, 10 lancets and user manual (English and Italian).

The first and only multi-parameter device with double technology

BIOSENSOR SUCTION STRIP - glucose

- Electro-chemical technology for a more practical use.
- Requires very little blood samples (1 µl).
- Short time for the results (5 sec.)



REFLECTOMETRIC SUCTION STRIP - cholesterol and tryglicerides

- is a very singular technology.
- It allows to quantify automatically the blood needed for testing.
- It allows a more functional self-monitoring of triglycerides and cholesterol.



GIMA code	SPARE STRIPS FOR MULTICARE IN
23969	Glucose strips biosensor - tube of 25 strips + 1 chip
23970	Glucose strips biosensor - tube of 50 strips + 1 chip
23971	Cholesterol strips - tube of 5 strips + 1 chip
23972	Cholesterol strips - tube of 25 strips + 1 chip
23973	Triglycerides strips - tube of 5 strips + 1 chip
23974	Triglycerides strips - tube of 25 strips + 1 chip
LANCETS FOR MULTICARE AND MULTICARE IN	
23939	Multicare auto lancet device
23940	Lancets 28g - bag of 25 pcs - expiry 01/2011
23941	Lancets 28g - bag of 50 pcs - expiry 01/2011



3 IN 1: CHOLESTEROL, TRIGLYCERIDES, GLUCOSE BIOSENSOR

23965



CE 0123



TECHNICAL SPECIFICATIONS

	Measuring range	Measuring time	Blood sample
Glucose electro-chemical:	10-600mg/dl	5"	1 ml
Cholesterol	150-400 mg/dl	30"	10 ml
Triglycerides	50-500 mg dl	30"	10 ml
Memory:	500 test results with date and time		
Batteries:	2 lithium batteries Cr 2032 3 Volts (32212)		
Size:	48x105x22 mm		
Weight:	60 g		

PORTABLE WHOLE BLOOD TEST SYSTEM

- 24000 CARDIOCHECK - device only
- 24002 CARDIOCHECK BASIC - same as code 24000 but without LIPID PANEL readings.
- 24001 CARDIOCHECK - complete system

A powerful diagnostic tool to test blood chemistry parameters while your patient is in the office.

Lipid panel test: Lipid profile determination (15 multitest strips) of Total Cholesterol, HDL Cholesterol, Triglycerides, calculated LDL Cholesterol and TC/HDL ratio

5 single tests: Total Cholesterol, HDL Cholesterol, Triglycerides, Glucose, Ketones.

Accurate, convenient, fast

- Clinical Laboratory accuracy and precision
- Results in 2 minutes or less
- Internal memory for 400 results
- Two button easy-to-use device
- Performs both panel and single tests
- No refrigeration required for strips



24001



24000



24001

GIMA code	CARDIOCHECK ACCESSORIES
24004	Lipid Panel (total cholesterol, HDL cholesterol, triglycerides, calculated LDL chol. and TC/HDL ratio) - box of 15 test strips (not for 24002)
24005	Total Cholesterol 100-400 mg/dL - box of 25 test strips
24006	HDL Cholesterol 25-85 mg/dL - box of 25 test strips
24007	Triglycerides 50-500 mg/dL - box of 25 test strips
24008	Glucose 20-600 mg/dL - box of 25 test strips
24009	Ketones 2-70 mg/dL - box of 25 test strips
24015	Thermal Printer (18x9x14 cm - 1 kg - 100-240 V)
24016	Roll of 500 labels
24017	Micropipettes 15 µl - box of 50 pcs.
24515	Blood lancets (automatic model) - box of 100 pcs.
32200	AAA Alkaline High Energy Batteries - blister of 4 pcs.

TECHNICAL SPECIFICATIONS

Size: 76x145x25 mm Weight: 122 g
 Strip storage: at less than 30°C (room temperature)
 Battery operated: 2xAAA 1.5 V, alkaline - life for 300 tests
 FDA, CE, CLIA professional approved Made in USA

STANDARD ACCESSORIES OF SYSTEM KIT (24001)

Transport bag	50 micropipettes	6 total Cholesterol strips
Plexiglass workstation	50 blood lancets	6 HDL Cholesterol strips
Bloodlab device	15 Lipid panel strips	6 Triglycerides strips
Batteries (2xAAA)	25 Glucose strips	User manual (English)

CENTRIFUGES FOR PLASMA AND MICROHEMATOCRIT

• 24030 ULTRA 8 CENTRIFUGE

Strong and very stable plasma centrifuge made of aluminium alloy. Ideal for routine separation of blood, urine and other fluids.

Provided with a variable speed selector at fixed speeds (800, 1500, 1800, 3300 rpm) and a 30 minutes timer. It includes holder to accommodate 8 tubes, any size, from 15 ml to 3 ml.



Impact resistant locking lid

24030

One piece metal body

TECHNICAL SPECIFICATIONS

Nominal RCF: 1327 g
 8 tube capacity (2-15 ml)
 Maximum volume 120 ml
 Safety off switch in lid
 On/Off indicator light
 Plastic rotor housing
 Clear Locking lid
 Power: 220 volt
 Weight: 7 Kg
 Dimensions: 330x330x260 mm

• 24035 XC-2000 CENTRIFUGE

Very silent plasma centrifuge with 6 tube positions, provided with electronic counter to allow precise speed setting from 1000 rpm to 4000 rpm (500 rpm increments). It is supplied with holder for 6 tubes of 10 ml and holder for 6 tubes of 15 ml.

Operating time is adjustable from 1 to 60 min. Strong ABS structure.



24035

• 24040 TEST TUBE 10 ml box of 100 pcs

TECHNICAL SPECIFICATIONS

Power Supply: 220V - 50hz
 Power: 80 W
 Speed: Approx 1000-4000 rpm (increased in increments of 500 rpm's)
 Time: 1-60 min
 Capacity: 15 ml or 10 ml x 6
 Max. RCF: 1790 g

• 24025 MICROHEMATOCRIT CENTRIFUGE - 180 sec.

Economic system, easy to use, fully automatic with led indicators, no vibration, silent, rapid and provided with rechargeable battery.

Useful for: small labs, office labs, blood drawing areas, pediatric, neonatal settings, dialysis centers, emergency room labs, veterinarians, sample prep for stat chemistries.

• 24026 CAPILLARIES for microhematocrit - tube of 500



24025

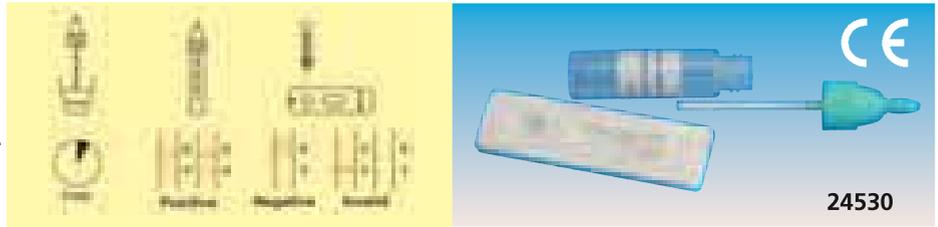
24026

TECHNICAL SPECIFICATIONS

Power: Rechargeable battery (battery charger supplied 100 ÷ 240V plug in).
 Dimensions: 136 mm (L) x 215 mm (W) x 122 mm (H)
 Weight: Approx 1.2 Kg.

■ FOB-FECAL OCCULT BLOOD TEST FOR EARLY DETECTION

• **24530 FOB TEST - box of 25 tests**
 Provides accurate results in few minutes. It facilitates patient treatment decision early. Simple procedure, easy to perform and interpret. No additional equipment required. It includes 25 pcs of collection stick, device test and one buffer bottle.
 For professional use

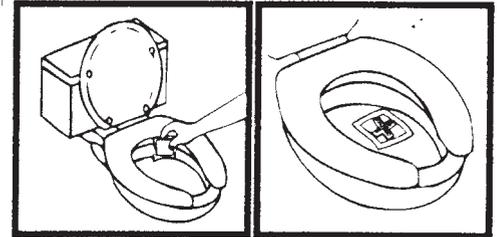


■ COLON DISEASE TEST, FOR SELF TESTING AT HOME

SELF TEST

• **24531 COLON DISEASE SELF TEST**
 Simple home test for detecting the early warning signs of colorectal disease, even before symptoms appear. Contains 5 test pads, 1 positive control package, results card and 1 instruction manual.
 - Easy throw in the bowl test for hidden blood in the stool
 - No laboratory processing required, results in 2 minutes
 - The American Cancer Society recommends annual testing after age of 50
 - With early detection and treatment colorectal cancer is curable

CE 0197
FDA Approved



Step1: after a bowel movement drop a test pad into the toilet bowl.

Step2: observe the test pad. If blood is present a blue colour will appear within two minutes

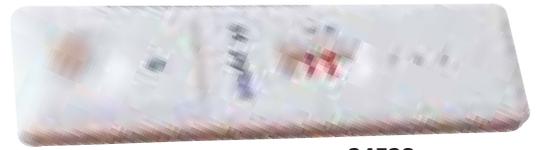
■ HELICOBACTER PYLORI TEST FOR ULCER SCREENING

CE

• **24528 HELICOBACTER PYLORI TEST - box of 40 tests**
 Helicobacter Pylori is the leading cause of gastric ulcers, this easy to use test allows a quick diagnosis in about 10 minutes. Easy to perform and interpret, no additional equipment required. For professional use
 • **24529 HELICOBACTER PYLORI SELF TEST - box of 1 test**
 Same as 24528 but packed in single box including one automatic lancet, single buffer and user manual. This product is provided with self testing certification to be sold to end users in OTC market.

SELF TEST

24529



24528



■ PROSTATE SCREENING - PSA ONE-STEP TEST

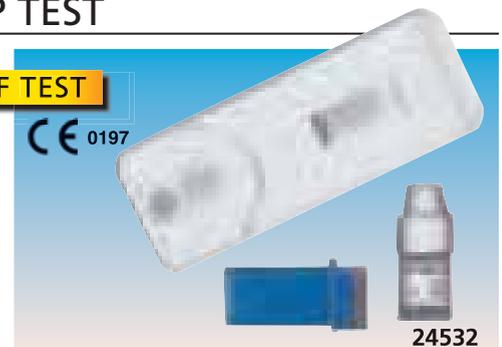
• **24533 PSA TEST - box of 40 tests - CE - for doctor/hospital use**
 Provides accurate results in few minutes.
 - Over 98% correlation to lab tests
 - Simple, easy to use whole blood test
 - Detects PSA as low as 4ng/ml
 - Contains everything needed to perform test
 - For professional use (product available for April 2009)
 • **24532 PSA SELF TEST - box of 1 test - CE 0197 - for self test**
 Same as 24533 but packed in single box including one automatic lancet, single buffer and user manual. This product is provided of self testing certification to be sold to end user.

SELF TEST

CE 0197



24532



24532

■ VISUAL STRIPS FOR SELF TEST GLUCOSE AND CHOLESTEROL

• **24520 GLUCOSE STRIPS - box of 30 pcs.**
 • **24521 CHOLESTEROL STRIPS - box of 2 pcs.**
 A new, inexpensive, CE marked line of strips for visual reading of cholesterol and glucose in whole blood. **No meter is needed to measure the results.** The special color chart allows an easier comparison of the colors for a better quantification of the result. Cholesterol is offered in a 2 tests tube package inclusive of fingertips, color chart and instructions for use.
 Glucose is offered in a 30 tests/tube package inclusive of colour chart and instructions for use.
 Box and instructions in English, German, Italian.

CE 0123

SELF TEST

CE 0123



24521



24520

CARDIAC MARKER

- 24525 CARDIAC MARKER - 3 parameters:

CK-MB, Troponin, Myoglobin - box of 20

It allows to check cardiac status and stroke events in just 20 minutes. Ideal to keep under control patients affected by cardiopathies or after hearth attack or surgery. It includes 20 droppers, 20 cassettes and 1 bottle with dilution solution. For professional use.

- 24526 D-DIMER TEST - box of 20

The presence of D-Dimer in blood samples is an indicator of various coagulation disorders, including deep venous thrombosis (DVT), pulmonary embolism (PE) and atherosclerosis. D-Dimer assay is a widely used and simple exclusion method of DVT and PE. This test allows an easy prevention a negative result indicates a good health status,

while high concentration indicates increased activity of fibrin and blood coagulation. It includes 20 droppers, 20 cassettes and 1 bottle with dilution solution. For professional use.



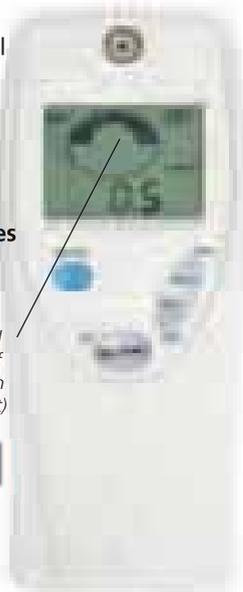
BREATH ALCOHOL TESTER

- 24500 ALCOHOL TESTER

Compact device to measure your blood alcohol concentration. Digital/graphic interface and animation, one-hand operation. % BAC and mg/l values.

Supplied in carton box with 3 blowing tubes Ø 7 mm and one cleaning cap.

- 24501 BLOWING TUBE - box of 12 pcs.
- 32200 "AAA" BATTERIES - blister of 4 pieces
- 24503 COUNTER DISPLAY - Italian
- 24504 COUNTER DISPLAY - English



Large display to read exact value of your breath (3 colour backlight)

SELF TEST

24503

Fits 6 units. Can be done in your own language.

TECHNICAL SPECIFICATIONS

Range: Low & 0.15 ~ 1.50 % BAC or 0.075 ~ 0.75 mg/l
 Accuracy: ± 0.2% BAC full range under alert level
 Battery: 3 x 1.5V AAA batteries (not included)
 Display: Graphic & Digital display with 3 decimal points (eg. 0.025%BAC)
 Tolerance compensation: Pre-alert function together with tri-colour backlighting
 Auto power off: 2 minutes
 Breath sampling: less than 5 seconds continuous breath sample
 Recycle time: about 20 seconds
 Unit Dimensions: 107 x 45 X 25 mm approx.
 Weight: 50g (without batteries)
 Alert level calibrated: 0.5 % BAC or 0.25mg/l



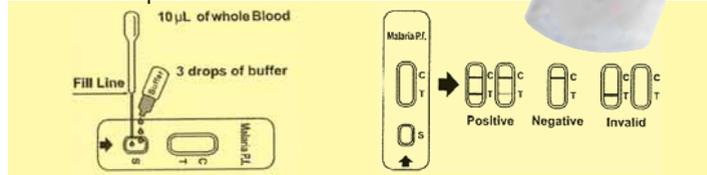
MALARIA TEST



- 24547 MALARIA TEST - box of 40 tests

The Malaria P.f. Rapid Test Device (Whole Blood) is a rapid chromatographic immunoassay test for the qualitative detection of circulating plasmodium falciparum in whole blood. It has been compared with traditional thick or thin blood smears microscopic analysis, the correlation between the two systems is over 99,0%. Package includes test devices, buffer, disposable specimen dropper and multilanguage manual, lancets are not included. For professional use.

24547



PROFESSIONAL ALCOHOL TESTER

- 24490 PROFESSIONAL ALCOHOL TESTER
- 24492 BLOWING TUBES - box of 50 pcs
- 24493 PORTABLE PRINTER

24490

Professional fuel cell sensor breath alcohol tester. Using the electrochemical reaction for platinum Vs. ethanol molecules gives the most stable and reliable measuring technology. Supplied in metal carrying case with USB cable.

Size: 153x116x65 mm
 Weight: 530 g

24493



TECHNICAL SPECIFICATIONS

Display: 1,5" LCM, 128*64Dots
 Keyboard: 5 keys operation: "Up", "Down", "Right", "Left", "OK"
 Power Supply: Interchangeable rechargeable battery
 Heat warm up: Chamber & Sensor warm up automatically
 Auto flow monitoring: Flow detect automatically
 Storage environment: -40 Degree C to +85 Degree C.
 Operating environment: -20° to +60°. (LCM will switch off and shift to LED indicating under -10°)
 Record PC download: PC Download for IBM compatible PC (through RS-232 cable)
 Memories: 1M Flash memories for Data log (500 memories)
 Measurement precision: Standard deviation +/-0,025 mg/L or +/-5% of the measurement
 Drift: typically <0,8% of the measurement value/month

POCKET ALCOHOL TESTER

- 24499 POCKET ALCOHOL TESTER

Pocket, easy to use alcohol tester

TECHNICAL SPECIFICATIONS

Range: Low & 0.2 ~ 1.5 %BAC
 Accuracy: ± 0.2% BAC at the calibrated point (alert level)
 Power input: 2 x 1.5V AAA batteries (not included)
 Display: Digital display
 Tolerance compensation: pre-alert function when close to alcohol limit
 Auto power off: 2 minutes
 Breath sampling with auto flow detect: about 6 seconds continuous breath sample
 Cycle time: about 20 seconds
 Alert level calibrated: 0.5% BAC



POCKET, ONLY
 8.5x3x1 cm

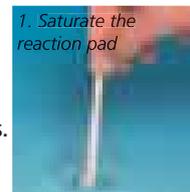


SALIVA ALCOHOL STRIPS

- 24502 SALIVA ALCOHOL TEST STRIPS - box of 25 strips

GIMA Saliva Alcohol Test Strip is a rapid highly sensitive test for the determination of relative blood alcohol concentration in saliva specimens.

- Results in just 2 minutes
- Color chart provides approximate relative blood alcohol concentrations (BAC) from 0.02% to 0.30%
- No instrumentation is required
- Saliva testing avoids urine collection
- CE Marked for sale in the European Union
- Short expiry date (average 8-10 months)



24502

SELF TEST

MULTI DRUG "CUP" TEST

- **24546 MULTI DRUG "CUP" TEST - urine** box of 25 tests for 7 drugs

Detectes following parameters: (MTD/MDMA)+<COC>+<AMP500>+<CMETS500>+<THC>+<MOP>. For professional use.

- Easy to use - no urine handling, just insert the key into the active test and read results in 5 min.
- Tightly sealed urine cup - no leaking or spilling of urine specimen
- Unique design - ensures that urine used in the test, will be separated from residual urine, that will remain uncontaminated, to be used for a further test when necessary
- Key packed separately - ensures security that only the technician can begin the test

Test panel is tightly fastened to the cup, protecting it from contamination



SALIVA DRUG TEST

24555

- **24555 MULTI DRUG SALIVA TEST** oral fluid (saliva) - box of 25 tests for 6 drugs

Multi drug tests provide accurate results in 10 min. for the following drugs: amphetamine, cocaine, marijuana cannabis, methamphetamine, opiates, phencyclidine. Cut-off levels meet SAMSHA standards. For hospital and professional use. Multilanguage manual: English, Italian, French, German, Spanish, Portuguese.

Collect oral fluid with sponge



SCREENING TEST CUP - 24546		
DRUG	CUT OFF NG/ML	DETECTION TIME
MOP	300	5-7 days
COC	300	2-5 days
THC	50	5-8 days
AMP	500	2-5 days
MDMA	500	5-7 days
MTD	300	5-7 days
MET	500	3-5 days

ORAL FLUID SCREENING TEST DEVICE - 24555		
DRUG	CUT OFF NG/ML	DETECTION TIME
COC	20	10 min - 24 h
THC	12	up to 14 h
AMP	50	10 min - 72 h
MET	50	10 min - 72 h
PCP	10	-
OPI	40	1 h - more days

DRUGS OF ABUSE, URINE TESTS FOR PROFESSIONAL USE

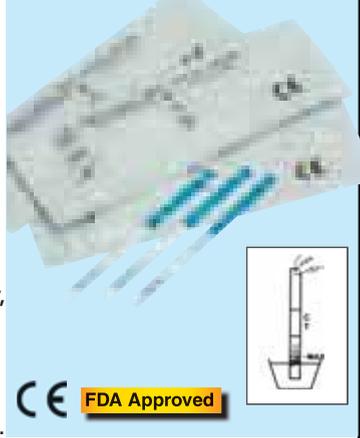


- **24540 COCAINE TEST - strip - urine - cut-off: 300 ng/ml**
 - **24541 MARIJUANA TEST - strip - urine - cut-off: 50 ng/ml**
 - **24542 OPIATES TEST - strip - urine - cut-off: 300 ng/ml**
- Code 24540-41-42 are sold in box of 50 strips individually packed in single pouch.

- **24550 MULTI DRUG PANEL TESTS** urine box of 25 tests for 6 drugs
- **24551 MULTI DRUG PANEL TESTS** urine box of 25 tests for 12 drugs

Multi drug tests provide accurate results in 10 min. on the following drugs: amphetamine*, cocaine*, marijuana cannabis*, methamphetamine*, opiates*, phencyclidine*, barbiturates, benzodiazepines, ecstasy, morphine300, methadone, tricyclic antidepressants. *Code 24550 contains tests for drugs with asterisk. Cut-off levels meet SAMSHA standards. All products are supplied with multilingual manual: English, Italian, French, Spanish, German, Portuguese.

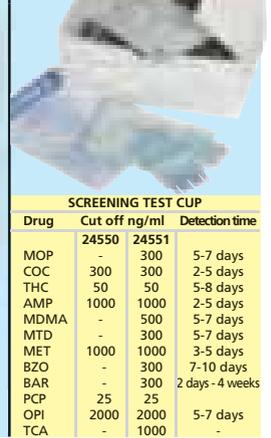
24540-41-42



24550



24551



DRUG TEST FOR HOME CARE USE: URINE, SALIVA OR "WIPE" TEST

- **24560 MULTIDRUG SELF TEST** urine

Multi drug test for home testing, supplied with urine container and manual. Easy to use, provides accurate results in few minutes for the following drugs: amphetamine(AMP), cocaine(COC), marijuana cannabis (THC), methamphetamine (METH) including ecstasy, opiates (MOR), including heroine, phencyclidine (PCP). Supplied Italian/English package and manual. Test can be offered in any language (box+manual) minimum 1000 pcs.

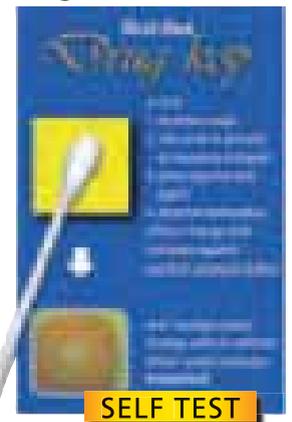
SELF TEST



24560

- **24565 DRUG CARD - box of 10 tests**

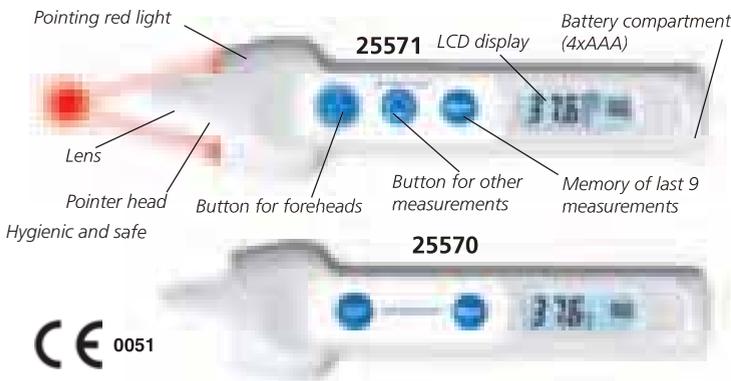
A new colorimetric test to screen out quickly and accurately the major substances contained in illicit drugs and some pharmaceuticals. This test measures and detects the following 21 DOA below with concentration of 5 mg: Amphetamine, Benzphetamine, Cocaine, Codeine, Dextromethorphan, Diphenhydramine, Doxylamine, Heroin, Hydrocodone, Ketamine, LSD (containing a secondary amine), Mephentermine, Methadone, Methamphetamine, Morphine, Opium, Phencyclidine (PCP), Promethazine, Thebaine, Tryptamine, Tyramine. Test can be performed in urine, saliva, surfaces and drinks, it does not require reagents and gives immediate results. Very stable from - 15°C to 50°C.



SELF TEST

24565

THERMOFOCUS® PROFESSIONAL "NO CONTACT" THERMOMETERS



THERMOFOCUS THERMOMETERS

The most advanced thermometers in the world! ThermoFocus read infrared radiations from the surface of the skin to calculate accurately the core body temperature.

- **without touching:** never in contact to avoid any risk of contagion
- **non invasive:** do not require patient collaboration, advised for children
- **accurate:** a sophisticated microprocessor warrants high precision
- **economic:** no need of expensive probes
- **few seconds:** time for pointing and reading temperature
- **1°C-55°C (25571 only):** for measurement of wide range of objects
- **body temperature scan (25571):** can be done quickly
- **25570 THERMOFOCUS - mod. 0700 - forehead**

Totally hygienic, **without touching**. Simply hold the thermometer close to the center of the forehead and release the activating button. It can also be used to take the temperature of objects such as a baby's feeding bottle.

- **25571 THERMOFOCUS - mod. 1500 - multi-use**
- For the professional user or family that requires maximum accuracy and flexibility of temperature taking. Same as code 25570 with an additional button to allow the user to read the ambient temperature and the one of other areas of the body as well as objects within a range from 1 to 55°C (33.8 to 131°F).

• 32200 "AAA" BATTERIES

A patented optic-aiming system allows to immediately find correct distance for measurements.



TECHNICAL SPECIFICATIONS	
Forehead measuring range:	34.0/42.5°C (93.2/108.5°F)
Measuring range (apart from forehead):	1.0/55.0°C (33.8/131°F)
Ambient temperature working range	16/40° (60.8/104.0°F)*
Precision:	0.1°C (0.2°F)
Accuracy level according to ASTM E 1965-98 :	
from 34 to 35.9°C (93.2/96.6°F)=	+/-0.3°C (+/-0.5°F)
from 36 to 39°C (96.8/102.2°F)=	+/-0.2°C (+/-0.4°F)
from 39.1 to 42.5°C (102.4/108.5°F)	+/-0.3°C (+/-0.5°F)
Distance of operation: 3 cm (1.2 inch) fixed through optical signal	
* The thermometer can work also in environments with a temperature between 5 and 16°C (41/60.8°F), but we do not guarantee the accuracy.	
Battery: 4xAAA (1.5V) included	Weight: 99 g Size: 165x40x22 mm
Made in Italy	



EAR THERMOMETER

- **25580 IR EAR THERMOMETER**
- **25581 PROBE COVERS - box of 40 pcs.**
- **32212 SPARE BATTERY**
- Fully meet "ASTM" standard and CE EN 12470-1 (only few brands passed it) in measurement accuracy (35,5 °C to 42 °C ± 0.2 °C, others ± 0.3 °C).
- Low customer-return-rate, under 0.3%
- Unique and handy design
- One-second measurement, fast and easy
- 9 memory for temperature comparison and evaluation, fever alarm, easy reading LCD display
- Self-diagnostic and infrared measurement



25580

TECHNICAL SPECIFICATIONS 25580-25585	
Measurement Range: - forehead	34.0°C~42.2°C (93.2°F~108.0°)
	- scan mode: -22/80°C (-7.6/-76°F) - 25585 only
Response time:	1 second (25580) 5-30 sec. (25585)
Time between Measurement:	< 5 sec
Display Model	ORAL °C/°F
Battery Type:	CR2032 (33212)
Dimension (LxWxH): - Weight:	14 x 3.8 x 3 cm - 70g
Norms: IEC60601-1, IEC60601-1-2 (EMC), ASTM E1965-98	

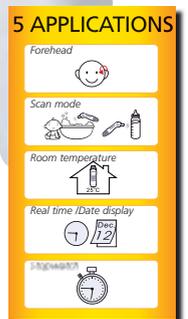


FOREHEAD THERMOMETER

- **25585 INFRARED MULTI-FUNCTION FOREHEAD THERMOMETER**
 - **32212 SPARE BATTERY**
- Multifunctional innovative infrared thermometer with 5 applications: forehead temperature, room temperature, scan mode for surface temperatures (bath water or milk), real time clock, stopwatch to monitor the heart beat
- New 3 LED zone indicator to get fever status friendly (see picture)
 - Instant measurement
 - Large LCD to read easily
 - Detailed 9 memories with time/date & site
 - Fever alarm with beeper
 - Selectable °C/°F mode
 - Small size to carry conveniently when traveling
 - Accurate: ± 0,2/0,3 °C
 - Self-diagnosis warning when device is abnormal.
- Packed in deluxe carton box.



25585



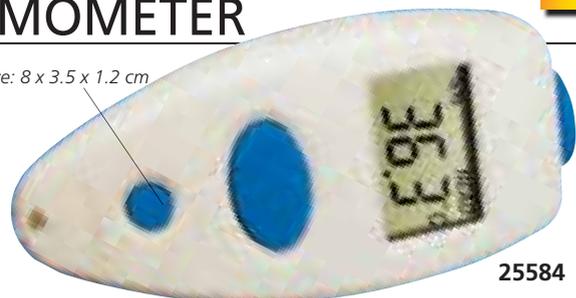
3 LED Fever Indicator

FOREHEAD HOME CARE THERMOMETER

- **25584 POCKET IR FOREHEAD THERMOMETER**
- Similar to the specifications of the code 25585. With nice design, it comes in a deluxe carton box. This product is suggested for home-care use, not for hospital use.
- **32212 SPARE BATTERY**



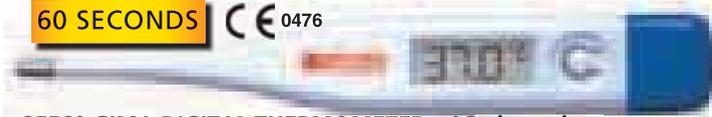
Size: 8 x 3.5 x 1.2 cm



25584

DIGITAL THERMOMETERS

60 SECONDS CE 0476



- 25560 GIMA DIGITAL THERMOMETER °C - hang box
- 25561 GIMA DIGITAL THERMOMETER °F - hang box

60 SECONDS CE 0476



- 25562 W-P DIGITAL THERMOMETER °C - hang box water-proof

60 SECONDS CE 0476



- 25563 FLEXI DIGITAL THERMOMETER °C - hang box flexible tip, water-proof

30 SECONDS CE 0476



- 25565 BACKLIGHT DIGITAL THERMOMETER °C - hang box flexible tip, backlight display

GIMA DIGITAL THERMOMETERS

Gima digital thermometers, available in °C or °F, deliver accurate and quick read-out. Safe and easy to use with clear and large display, have following features:

- display range 32.0°C-42.0°C (90.0-107.6°F)
- accuracy ±0.1°C (±0.2°F)
- memory: last reading
- beeper function
- auto shut-off
- plastic case
- multilanguage manual and box
- CE and FDA approved



25609



HIGH SPEED
10 SECONDS
READING

25609

- 25609 GALAXY DIGITAL THERMOMETER °C - flexible tip, water-proof, with large LCD display (21x7.4 mm) and hang box
- 25608 DIGITAL BASAL THERMOMETER °C - hang box - waterproof With 4 digits, 2 decimals, for fertility control



BABY DIGITAL THERMOMETERS

30 SECONDS 25566



- 25566 FROG DIGITAL THERMOMETER °C - hang box - flexible tip
- 25567 BATH THERMOMETER °C Measure water temperature in 90 sec. Measurement range 0° C to 70° C

25567



- 25568 NIPPLE-LIKE DIGITAL PACIFIER THERMOMETER °C Individually packed in carton box, memorizes last temperature. Auto power-off. Display range 32.0°C-42.0°C, with accuracy ±0.1°C. 1.5V button battery



25568

Safe non toxic material
Fast 120 seconds reading
Fever alarm sound

OVAL, PRISMATIC, RECTAL AND COLOURED THERMOMETERS



- 25590 PRISMATIC THERMOMETER °C - oral Individually packed in plastic case. minimum order: 12 pcs.
- 25592 RECTAL THERMOMETER °C Individually packed in plastic case. minimum order: 12 pcs.
- 25606 PRISMATIC THERMOMETER °C - oral Same as code 25590, but made in Germany. High quality. CE 0044



- 25600 OVAL THERMOMETER °C Individually packed in plastic case. minimum order: 12 pcs.
- 25601 OVAL THERMOMETER - dual scale °C and °F
- 25602 OVAL THERMOMETER °C Same as 25600 but made in Germany. High quality. CE 0044



- 25605 COLOURED CLINICAL THERMOMETERS - box of 10 Oval °C thermometers in 5 colours: green, blu, lilac, yellow, red with transparent plastic case, and same colour cap.



- 25613 ECOLOGICAL OVAL THERMOMETER °C - hang box
- 25614 ECOLOGICAL OVAL THERMOMETER - box of 12 Mercury free clinical thermometer with gallium alloy instead of mercury. Safe, precise and functional. Glass structure.

PILL SPLITTERS AND PILL PULVERIZERS

These easy tools are ideal for elderly people, children and hospital attendants. Great also for medicating pets. They avoid dispersion of medicine and guarantee integrity of the dose. Easy to clean, also in dishwasher. Made in non-toxic, unbreakable material.

- 25729 PILL SPLITTER - bulk
- 25730 PILL SPLITTER - with box
- 25743 ULTRA PILL SPLITTER - blister

Accurately divide vitamin tablets, large and small pills for reduced dosage or easier ingestion. Simple to operate.



- 25747 DISPLAY FOR SPLITTER (25730) PULVERIZER (25731) - empty (english language)

Suitable for 4 pill splitters and 4 pill pulverizers. Available in any language on request.

- 25741 PILL PULVERIZER - bulk
- 25731 PILL PULVERIZER - with box
- 25744 ULTRA PILL PULVERIZER - blister

Powerful pulverizing point powders pills of any shape and size, with an easy twist of the wrist.

Great for limited strenght



- 25739 VIALS OPENER - box of 20



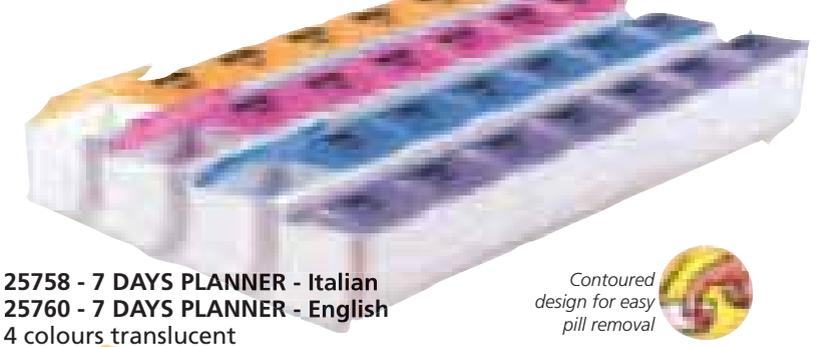
PILL BOXES AND PILL BOX TIMER

- 25732 - 7 DAYS PILL BOX blue translucent

Translucent top enables the user to see if medication has been taken



Available from stock with English or Italian printings. We can print in any language, minimum 1000 pcs.



	25750	25735/25752	25734	25732	25757/25759	25758/25760
English language printed on pill boxes	yes	-	-	yes	yes	yes
Labels in other languages*	-	-	yes	yes	yes	yes
Colour	blue/pink	yellow/blue	white	translucent	translucent	translucent
Compartments	2	6	7	28(4x7)	14(2x7)	28(4x7)
Size cm	7x5x2	8x5.5x1.5	13x2.5x2	17x12x2	18.5x9.5x3	21x14.5x3.5
Package	blister	box/blister	box	box	box	box

*Supplied with a set of labels with day in 6 languages (English, French, German, Italian, Portuguese, Spanish) and 1 white label for compartment for individual marking.

25738



- 25738 PILL-BOX TIMER - white colour

A pocket timer for timing medication intervals, with a double pill-box space to store pills and tablets.

- up to 4 dosage selectable during 24 h
- large, easy to read LCD display
- extra loud sound beeps at medication time
- battery included in blister
- Size: 9x8x h.1,5 cm only 50 g

- 25757 - TWICE A DAY PLANNER - Italian
- 25759 - TWICE A DAY PLANNER - English

2 colours translucent



3 SIDES DISPLAY: FOR DIAGNOSTIC TESTS, EASY LIFE, PILLS DEVICES

METAL DISPLAY

Metal turnable display stand with 36 hangs and 3 baskets for many products. It has 3 attractive sides: for diagnostic tests (see page 3,7,8,9), for aids for daily life (see below) and for pill devices (see page 12). Offered empty or full with a selection of 39 different GIMA products, suitable for pharmacy or shop.

Head of display language	METAL DISPLAY	
	Empty	With products
English	25520	25530
Italian	25521	25531
French	25522	25532
Spanish	25523	25533
Other on request	25529	25539



DIAGNOSTIC TEST SIDE
17 hangs + 1 basket

3 SIDE DISPLAY WITH PRODUCTS INCLUDES:

• PILL DEVICES SIDE - 10 hangs, 1 basket

- 6 pill splitter (25730)
- 6 pill pulverizer (25731)
- 3 pill box timer (25738)
- 6 pocket pill box (25750)
- 6 daily pill box (25752)
- 6 twice a day planner (25759)
- 6 7 days planner (25760)
- 6 burnfree® kit (34884)
- 2 automatic sphygmomanometer (32787)
- 2 wrist sphygmomanometer (32786)

• EASY LIFE SIDE - 9 hangs, 1 basket

- 3 cutlery set - 4 pieces (28920)
- 6 spoon & fork holder (28925)
- 6 pencil grip - box of 2 (28901)
- 6 key turner - set of 2 (28940)
- 6 easy opener (28950)
- 6 jar opener & closer (28951)
- 6 zipper & button puller (28911)
- 6 shopping bag carrier (28945)
- 6 magnifying glass (28906)
- 2 family nebulizer (28106)

• DIAGNOSTIC TESTS SIDE - 17 hangs, 1 basket

- 6 pregnancy test - box of 1 (29104)
- 6 pregnancy test - box of 2 (29107)
- 6 menopause test - box of 2 (29109)
- 6 ovulation test - box of 5 (29112)
- 6 ovulation test - box of 6 strips (29114)
- 4 breast pad (29120)
- 4 10 parameter urine strips - 9 strips (24070)

- 4 cholesterol strips - box of 2 (24521)
- 4 PSA, prostate test - box of 1 (24532)
- 4 colon disease test - box of 5 (24531)
- 4 helicobacter pylori test - box of 1 (24529)
- 3 multidrug test - 6 parameters (24560)
- 3 pocket alcohol tester (24499)
- 6 digital thermometer (25560)
- 6 flexi digital thermometer (25563)
- 6 frog digital thermometer (25566)
- 4 nipple-like digital thermometer (25568)
- 2 IR ear thermometer (25580)
- 2 forehead thermometer (25585)



PILLS DEVICES SIDE
10 hangs + 1 basket



EASY LIFE SIDE
9 hangs + 1 basket

EASY LIFE: AIDS FOR DAILY LIVING



• 28920 CUTLERY SET
Bendable set of 4 pieces (knife, fork, small and large spoon). Made in stainless steel with thick, ribbed and rubber handle (10 cm) for easy grip



• 28925 SPOON & FORK HOLDERS - pack of 2 pcs.
These portable, stylish holders fit onto virtually any style spoon and fork providing a secure grip (spoon and fork are not included).



• 28901 PENCIL GRIP - pack of 2 pcs.
Rubber grip for pens or pencils. Helpful aids for elderly or disabled people. These cushions are designed in both shape and density to alleviate stress while providing a secure grip.



• 28905 PENCIL HOLDER
Plastic-covered aluminium palmar cuff, adjustable by bending metal. Suitable to sustain palm and index finger when writing.



• 28945 SHOPPING BAG CARRIER
This product provides an effort-free handle that remains constantly supportive, regardless of bag loads.



• 28950 EASY OPENER
This all in one product easily open bottle caps, pull tabs, and even those impossible box tops! It is constructed to provide safety for the user.



• 28940 EASY KEY TURNER pack of 2 pcs
These enlarged key turners are designed with the turning effort already begun, so completion of the turn is accomplished with minimal effort. Two different colors per package. To aid key/lock identification.



• 28906 MAGNIFYING GLASS
Magnifies two times larger than original size. Large enough to do what's needed, yet small enough to be totally portable, fitting easily into purse or pocket.



28911

• 28911 ZIPPER AND BUTTON PULLER
For those with weak or arthritic fingers, there's probably no more difficult task than buttoning a button! This unique product eliminates the frustration by pulling the button or zipper into position. Folds to half-length to fit easily into pocket or purse.

• 28951 JAR OPENER & CLOSER
This uniquely designed product concentrates hand power to remove lids and turn facets effortlessly.



28951

DEVICES AGAINST INSECTS, MEDUSAL, SMOKYBITES



• 25771 ZANZA-CLICK AFTERBITE

A few clicks to soothe the irritation caused by insects, medusae and nettle.



• 25772 BABYFRIEND
Ultrasonic repelling device against mosquitos.

• 25773 ECOSAVE
Electronic stimulator against snake bites or poisonous stings of insects and fishes.

Few electric shocks are enough to reduce toxic reaction.



DOCTOR'S OFFICE TOOLS - PROMOTIONAL GADGETS

ALL PRODUCTS CAN BE PERSONALISED WITH YOUR LOGO - minimum 100 pcs



• 50000 OPTICAL MINI MOUSE
Ergonomic compact mouse with USB interface, 30% smaller than traditional mice, ideal for use with portable PC. It can be used with any kind of PC compatible with Win 95, 98, 2000, ME, XP, NT. Packed in single box.



• 50010 OPTICAL MOUSE
• 50020 WIRELESS MOUSE
Ergonomic reliable optical mouse with USB interface available with standard cable or wireless. It can be used with any kind of PC. Compatible with Win 95, 98, 2000, XP, NT. Packed in single box.



• 50030 MOUSE PAD USB
Large mouse pad with integrated USB 1-1 HUB with 4 USB sockets, to connect more devices to PC at the same time (mouse, printers, cameras...). Directly fits into PC by a 150 mm cable. Compatible with Win 95, 98, 2000, ME, XP, NT. Size 28x23x6 cm. Packed in single box.



• 50050 USB MEMORY - 512 MB
• 50051 USB MEMORY - 1 GB
USB external memory flash drive. Compatible with Win, Mac OS, Linux. Supplied with installation CD-Rom, 1 m USB cable and neck strap. Material: plastic and aluminium. Packing: single paper box. Size: 6.4 x 2 x 0.8 cm



• 50060 USB SIM EDITOR
USB device with special slot for phone sim card. Able to back up your sim card, modify telephone numbers list, Import-export data from Outlook & Lotus Notes by USB port. Compatible with Win 98, 2000, ME, XP, NT. Material: ABS. Packing: single paper box. Size: 6 x 2.8x 1 cm



• 50200 DIGITAL CLOCK
Multifunction Clock with large digital display and aluminium inserts. It shows date, time, day and temperature. Alarm function with 7 different tunes, timer with countdown. Battery: 2x AG10 included. Material: plastic and aluminium. Packaging: single paper box. Size: 10.7 x 6.5 x 10 cm

• 50070 WEBCAM
PC-digital video camera with USB interface. Resolution 640x480 pixel (VGA), manual focus. Supplied with table fixing system and plastic clip for portable-PC screen. Compatible with Windows 98SE/2000/ME/XP. Installation driver and multilingual instructions.



• 50250 SOLAR CALCULATOR
Desktop calculator with large 8-digit display, dual solar and battery operated. Battery: included. Size: 11 x 15 x 1.5 cm



• 50300 4 in 1 LASER POINTER PEN
Multifunction metal pen with laser pointer, black ballpoint pen and plastic PDA stylus. Supplied with 3 extra button cell batteries and additional ink refill. Packing: Metal gift box. Battery: included



• 50100 HEART RATE MONITOR
Digital device for sport and fitness heart pulse and calories counter. Compatible with other audio devices like CD player, MP3 player, radio in order to listen to music during a training session. Main functions: training session monitor with vocal report, heart pulse monitor, consumed calories count, chronograph, watch, alarm clock, calendar. Battery: included. Size 12.5x9x8.5 cm



• 50150 MP3 PLAYER - 1 GB
MP3 and WMA files player with radio. USB 2.0 connection. 96x26 dot matrix display with blue back-light, icon interface, multi-language OSD. Easy download by 'drag & drop'. Song title will be displayed (patented MPEG system) with 5 standard equalizer set up (Normal, Rock, Jazz, Classic, Pop). More than 10 hours no-stop music. Battery: 1 x AAA included



• 50080 INTERNET USB PHONE
It makes possible to have telephone calls using Internet connection (Voip). Compatible with Skype, SJ-Phone, X-Lite, MSN, Net2Phone softwares. Inner sound card 16 Bit. Plug & Play, charged by USB connection to PC. Battery: included. Size: 12x4.8x3 cm





OTOSCILLO ELECTRICAL IRRIGATION DEVICE

• **25815 OTOSCILLO**

Otosillo is designed for automated ear rinsing both in hospitals and during private consultations. Innovative, compact, efficient and rapid, the Otosillo combines the most sophisticated operating qualities with the best security guarantees, all in a single device.

Anywhere, anytime

Otosillo is an electrical irrigation for simplified rinsing of the ear canal. The pulsating stream system makes it easier to remove cerumen, even at low pressure control, Otosillo is particularly adapted to the treatment of sensitive ear canals. It looks less alarming and it is easier to use, with greater accuracy and security, than the alternatives. The water basin is removable to allow easy filling and emptying. The device is readily usable and easy to clean.

Can be mounted on a wall or a cupboard. Made in Germany

Operating power: 220V - 50/60 Hz

Manual in English, French, German, Italian, Spanish

• **25816 SPARE SET (2 tips + disk)**

• **25817 SPARE HANDLE + TUBE**

Water temperature control system



25815

GLASS-METAL, ALL-METAL, AND SINGLE-USE EAR SYRINGES



ALL-METAL SCHIMMELBUSCH SYRINGES

High quality, reliable and accurate syringes. Schimmelbusch come complete with 3 cannulas and ear bowl. Individually packed in carton box. Made in Europe.

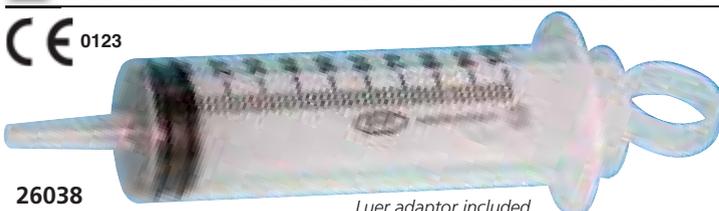
GIMA code	ALL-METAL SYRINGES COMPLETE WITH 3 CANNULAS AND EAR BOWL
25806	Schimmelbusch 50 cc
25807	Schimmelbusch 100 cc
25808	Schimmelbusch 200 cc
25809	Spare cannula for Schimmelbush (conical shape)
25812/3	Spare cannula for Schimmelbush (olive shape) small/large

GLASS-METAL JANET RECORD SYRINGES

High quality, reliable and accurate glass-metal syringes. Janet Record come complete with 2 cannulas, one conical, one oval. Individually packed in carton box. Made in Europe.

GIMA code	GLASS-METAL SYRINGES COMPLETE WITH 2 CANNULAS
25801	Janet Record 50 cc
25802	Janet Record 100 cc
25803	Janet Record 200 cc
25804	Spare cannula for Janet Record (conical shape)
25805	Spare cannula for Janet Record (olive shape)

HIGH CAPACITY POLYPROPYLENE SYRINGES



26038

Luer adaptor included

HIGH CAPACITY POLYPROPYLENE SYRINGES - sterile

Sterile, single use, latex free syringes for ear and other purposes. Made in Italy

GIMA code	HIGH CAPACITY, POLYPROPYLENE SYRINGES STERILE	Minimum order
26036	Syringe 60 ml - CAT	55 pcs.
26038	Syringe 100 ml - CAT+Luer adaptor	50 pcs.

GIMA SECURITY SYSTEM TO FUSE NEEDLES UP TO Ø 1.6 MM

• 25820 SECURITY SYSTEM - needle destroyer

To avoid accidents from used injection needles, GIMA has developed and patented Security System. This Needle Destroyer generates a temperature of **1,000°C**, hot enough to destroy stainless steel and all known bacteria/viruses.

It fuses in 1-2 seconds needles up to a diameter of 1.2 mm and with some more seconds needles up to 1.6 mm

Safe for nurses, doctors, cleaning staff and patients.

Most of accidents by sticks with needles take place in the following circumstances that are avoided using the Needle Destroyer: placing the needle in its protective sheath, discarding a needle from a used syringe, carrying hospital residues.

Destroyed needle material is sterilized and stored in a drawer at the bottom of the unit.

Long life and easy maintenance

It is sturdy, over 4 kg weight, and manufactured in best quality material. Only necessary maintenance is to change fusing spare parts every 4,000 needles.

• 25821 FUSING SPARE PARTS

minimum order: 2 pcs.

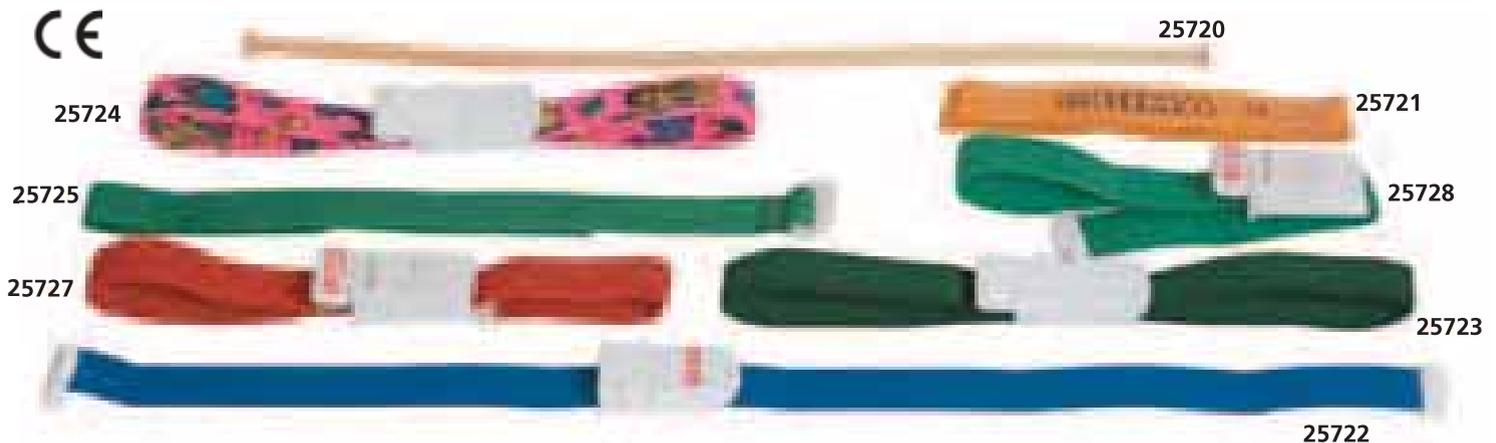
SECURITY SYSTEM ELIMINATES ACCIDENTAL CONTAGION OF INFECTIOUS DISEASES CAUSED BY NEEDLE-STICKS

TECHNICAL SPECIFICATIONS

Size: cm 22x14x h 9	Weight: 4 kg	Power: 400 Watt Fuses: 2x2,5 A T
Operating voltage: 220 V - 50 Hz	Fusion temperature: 1,000°C	Norms: CEI 62-5 - IEC 601-1
		Made in Italy: GIMA S.p.A.



TOURNIQUETS IN LATEX, RUBBER-COTTON AND LATEX-FREE

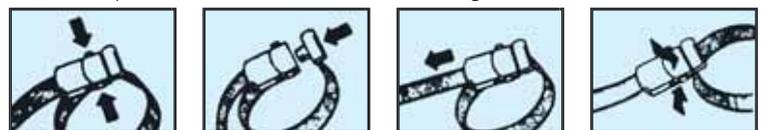


- 25722 JETPULL 2 - with gradual adjustment
 - 25723 JETPULL 2 - with gradual adjustment - latex free
 - 25724 JETPULL BABY - with gradual adjustment
- Easy to use, 2 choices for pressure release: instant or gradual release, thanks to the button on the lock. Ribbon in special material to avoid any skin inflammation. Blood proof. Made in Germany.

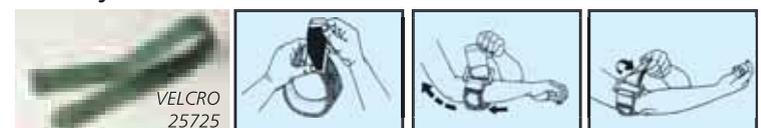
• 25725 STRIP-VELCRO TOURNIQUET

Self applicable tourniquet made of a nylon band threads through plastic "D" buckle. Washable and autoclavable.

Jetpull system

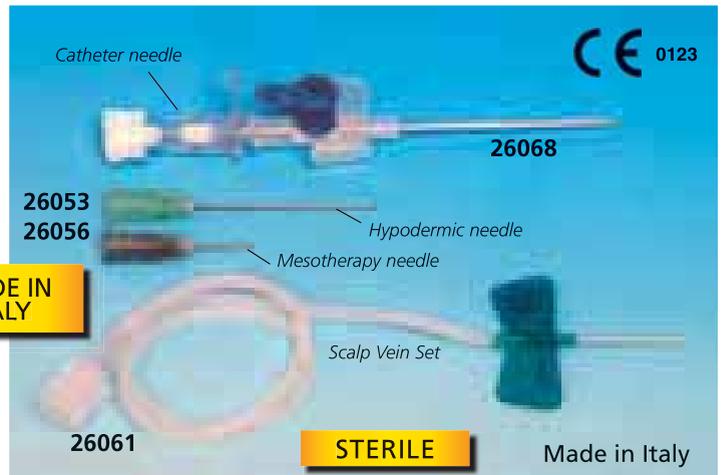
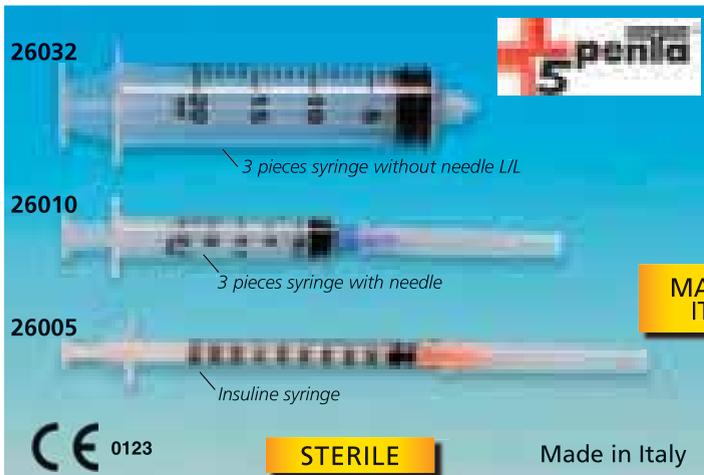


Velcro system



GIMA code	TOURNIQUETS	Material	Colour	Length cm	Fastening systems	Minimum order	Origin
25720	TUBOLARE Tourniquet	Latex	Yellow	33	Manual	200 pcs.	Europe
25721	GIMA Tourniquet	Rubber-cotton	Yellow	40	Velcro	10 pcs.	Asia
25722	JETPULL 2 Tourniquet	Rubber-cotton	Blue	56	Double lock system: quick and slow release	-	Europe
25723	JETPULL 2 Tourniquet	Rubber-cotton	Green	56	Double lock system: quick and slow release	-	Europe
25724	JETPULL BABY Tourniquet	Rubber-cotton	Child design	56	Double lock system: quick and slow release	-	Europe
25725	STRIP-VELCRO Tourniquet	Velcro	Green	45	Velcro+ring: use with one hand only	-	Asia
25727	FAST Tourniquet	Rubber-cotton	Red	40	Single lock system: quick release	-	Asia
25728	FAST Tourniquet	Rubber-cotton	Green	40	Single lock system: quick release	-	Asia

SYRINGES, HYPODERMIC AND MESOTHERAPY NEEDLES, SCALP VEIN SETS



Capacity ml	Gauge	3 pieces Syringes with needle	3 pieces Syringes without needle	Minimum order
0.5	30G 1/3" R0	26000	-	box of 100
1	30G 1/3" R0	26002	-	box of 100
1	25G 5/8"	26005	-	box of 100
2	22G 1 1/4"	-	-	box of 100
2,5	22G 1 1/4"	26010	-	box of 100
5	22G 1 1/4"	26012	-	box of 100
10 CEN	21G 1 1/2"	26015	-	box of 80
10 L/L	-	-	26030	box of 80
10 ECC	21G 1 1/2"	26016	-	box of 80
20 ECC	21G 1 1/2"	26020	26032	box of 80
30 L/L	-	-	26034	box of 80
60 CAT	-	-	26036	box of 55
100 CAT	-	-	26038	box of 50

GIMA code	HYPODERMIC NEEDLES - STERILE			Minimum Order
	Gauge	Gauge mm	Colour code	
26050	18G 1 1/2"	1.20x40	pink	box of 100
26051	19G 1 1/2"	1.10x40	cream	box of 100
26052	20G 1 1/2"	0.90x40	yellow	box of 100
26053	21G 1 1/2"	0.80x40	green	box of 100
26054	22G 1 1/4"	0.70x30	black	box of 100
26055	25G 5/8"	0.50x16	orange	box of 100
26056	27G 1/6" MESO	0.40x4	grey	box of 100
26057	27G 1/4" MESO	0.40x6	grey	box of 100

SCALP VEIN SETS (BUTTERFLY TYPE)- STERILE- TUBE 30 CM LONG				
26060	21G L/L	0.80x19	green	box of 100
26061	23G L/L	0.60x19	dark blue	box of 100

CATETHER NEEDLES - STERILE				
26067	20G L/L	32 mm	pink	box of 100
26068	22G L/L	19 mm	dark blue	box of 100

R0: zero dead space (no residual)
 CAT: catheter (large cone)
 1/3": lenght in inches of stainless needle (cannula)
 L/L: Luer Lock
 ECC: Eccentric Luer
 CEN: Central Luer

SYRINGES AND NEEDLES: Gima propose a vast range of sterile, latex free syringes with or without needle made in polypropylene and cannula (needles) made in stainless steel

AISI 304. All products are sterilized by Ethylene Oxide 10%+CO₂ 90% method and made in Italy. Box in 15 languages.

BD SHARPS CONTAINERS

SHARPS CONTAINERS BECTON-DICKINSON
 Space saving containers, autoclavable at 121°C with safety cover. Conforms to B57320:1990, ADR UN 3291

- 25822 BD SHARPS CONTAINER 1,4l
- 25823 BD SHARPS CONTAINER 3l
- 25827 WALL SUPPORT for 25823
- 25828 BD SHARPS CONTAINER 7l
- 25829 BD SHARPS CONTAINER 22,7l



BIOLOGICAL COLLECTORS



GIMA code	POLYPROPYLENE CONTAINERS WITH SINGLE BAG, SINGLE BOX AND ADHESIVE LABEL		Minimum order
25970	Urine container - 120 ml with screw cap - graduated to 100 ml		box of 120
25971	Biological products container - 50 ml screw cap with small spatula		box of 100
GIMA code	POLYSTYRENE CONTAINERS WITH SINGLE BAG, SINGLE BOX AND ADHESIVE LABEL		Minimum order
	25972	Urine test tube - 12 ml Blue sanitary strip	

SHARPS BINS

- 25818 CONTAINER 1.5l - box of 100
 - 25819 CONTAINER 3l - box of 50
- Disposable sharps containers 1,5 and 3 litres



PROTECTIVE GOGGLES



- 25661 POLYSAFE MEDICAL - bulk
 - 25660 POLYSAFE MEDICAL - with box
- They are a vital part of any infectious disease control program for eye protection. They provide a wide field of vision and excellent optical quality. Designed with top and side shields to protect eyes from every angle. They can fit all head sizes comfortably, and have superior optical clarity. Autoclavable. Norms EN 166.



- 25664 MILLENIA GOGGLES - black - fog resistant
- The best quality of protection goggle according to a positionable and innovative design.



- 25662 SANTA CRUZ GOGGLES - blue
- Due to their linear frame design they give total protection to the eyes and a uninterrupted panoramic vision. 5-stop adjustable side arms fit a variety of head sizes with ease. Packed in a nice plastic bag. Autoclavable. Anti-scratch. Norms EN 166 and EN 170

VISOR FACE MASK AND SHIELD



- 25654 GIMA FACE SHIELD
 - 25656 VISOR HEAD MASK
- Great features**
- faceshield with 90° max rotation (25656 only)
 - inner and outer surface treated against mist
 - superior coverage to protect against droplets and splashes of liquids (25656)
- Superior materials**
- elastic retention band in anallergic material
 - rotation systems in anodized aluminium
 - soft support in anallergic foam
 - faceshield in heat-formed acetate with anti-fog treatment
- Easy and comfortable use**
- fitting headbands adjustable by velcro fasteners
 - usable over ophthalmic glasses

VISOR SHIELD "PROTECTOR"



- 25642 VISOR SHIELD "PROTECTOR"
- The ultra-light face shield that combines function with style:
- protection:** a waterproof plastic barrier will protect you
 - comfort:** fast and easy to wear and remove
 - convenience:** reusable and replaceable shield
 - optical quality:** superior optical quality, the best you can buy
- Medium adjustable size: fits over 90% of healthcare professionals. Fits over glasses. White or green colour. Supplied with 2 face transparent shields + 1 head shield.
- 25643 REPLACEMENT SHIELD KIT
- Includes 2 face transparent shields + 1 head shield





99% FILTERING MASKS MADE IN ITALY - EN 14683:2005



- **25648 MASKELLA - face mask with ear loops**
- 3 layers of non-allergenic woven-non woven
- Size 90x180 mm
- Weight 3 g
- Tensile strenght extra-long ties: 80 cm
- Comfortable, shapeable nose clip
- Filtering efficiency > 99%
- Resistance to breath (MM H₂O/cm²) < 2
- Does not contain glass fibres
- Does not contain latex
- Non sterile

min. order : 18 packs of 50=900

- **25649 MASKERITA - surgical face mask**
- 3 layers of non-allergenic woven-non woven
- Size 90x180 mm
- Weight 3 g
- Tensile strenght extra-long ties: 80 cm
- Comfortable, shapeable nose clip
- Filtering efficiency > 99%
- Resistance to breath (MM H₂O/cm²) < 2
- Does not contain glass fibres
- Does not contain latex
- Non sterile

min. order: 12 packs of 50=600

- **25652 MASKOP Surgical mask with wrap-around visor**
- Anti-misting, antistatic wrap-around visor
- 4 layers of non-allergenic woven-non w.
- Weight 10.5 g
- Atraumatic and conformable nose-clip
- Filtering efficiency > 99%
- Resistance to respiratory flow (MM H₂O/cm²)<2.5
- Latex and glass fibres free. Not sterile
- Fluid permeability: impermeable
- External/Internal polyethylene anti-misting strip

mininum order : box of 50

2 PLY MASKS

- **25651 SURGEON'S MASK - 2 PLY**
- Made in soft TNT, with plastic ear loop.
- Non-sterile. Light blue colour.
- Dispenser.

minimum order: 2,000 pcs (40 dispenser of 50 pcs)



CAP AND SHOE COVERS

- **25675 BOUFFANT CAP**
- Minimum order: 1,000 pcs (10 bags of 100 pcs)
- **25676 SHOE COVERS**
- Minimum order: 2,000 pcs (20 bags of 100 pcs)
- Made of soft TNT non sterile.
- Light blue colour.

BIBS

- **25672 BIBS - roll of 80**
- Made of 2 plies, one of highly absorbent cellulose tissue and one of waterproof polyethylene.
- Extremely soft and comfortable, they assure an excellent protection to the patient. Each roll has 80 bibs with pre-cut and comfortable ribbons or bi-adhesive.



Minimum order: box of 6 rolls

FOLDED NAPKINS

FOLDED NAPKINS
Pre-coated folded napkins, made of 2 plies of pure wadding of cellulose partially laminated on 1 ply of polyethylene. The special features of materials offer high absorbency and waterproofness, to assure a high comfort to the patient.



GIMA code	FOLDED NAPKINS - PACK OF 500 PCS.	
25230	Napkins 33x45 cm	- green colour ■
25231	Napkins 33x45 cm	- light blue colour ■
25232	Napkins 33x45 cm	- pink colour ■
25233	Napkins 33x45 cm	- white colour
25240	Plastic dispenser	
25239	Chain for napkins	

OTHER COLOURS AND SIZES AVAILABLE FOR QUANTITIES

DISPOSABLE GOWNS

DISPOSABLE GOWNS
Disposable non woven gowns, suitable when comfort and light protection are required.
Colour: dark green
Grams: 27 g/sqm
Size: large only (suitable for all sizes)

- **26100 DISPOSABLE GOWNS - non sterile**
- with cotton cuffs

minimum order: polybag of 10 pcs

- **26099 DISPOSABLE GOWNS - sterile**
- Sterilized by ETO

minimum order: box of 50 pcs



DOCTOR'S WHITE AND SURGICAL COATS, JACKETS, TROUSERS



GOWNS, COATS, TROUSERS AND JACKETS
Professional and stylish line with all sizes for men and women, made in high quality 100% cotton. Conform to 89/686/CEE.

THEATRE GOWNS - GREEN	
Size	Men-women
52-56	26162
58-62	26163

- 26166 GREEN CAP
 - 26165 FANTASY CAP - light blue
 - 26167 FANTASY CAP - beige
 - 26168 FANTASY CAP - red
- 100% cotton surgical cap with fantasy pictures or green.



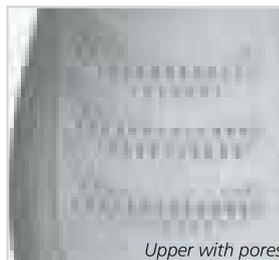
DOCTOR'S WHITE COATS 100% COTTON						JACKETS			
Size			Women	Men	Size	White	Green	Light Blue	Fantasy
Europe	USA	France							
42	S	38	26111	-	S	26130	26140	26150	26170
44	S	40	26112	-	M	26131	26141	26151	26171
46	M	42	26113	26101	L	26132	26142	26152	26172
48	M	44	26114	26102	XL	26133	26143	26153	26173
50	L	46	26115	26103	XXL	26134	26144	26154	-
52	L	48	26116	26104	TROUSERS				
54	XL	50	26117	26105	S	26135	26145	26155	-
56	XL	52	-	26106	M	26136	26146	26156	-
58	XXL	54	-	26107	L	26137	26147	26157	-
					XL	26138	26148	26158	-
					XXL	26139	26149	26159	-

ANTISTATIC CLOGS - AUTOCLAVABLE AT 135°C

AVAILABLE IN OTHER COLOURS/SIZES (minimum order 100 pairs)

GIMA PROFESSIONAL CLOGS

- active arch support to stimulate circulation
 - antistatic material directly injected in the polymeric blend
 - perforated sole for breathability and transpiration
 - antislip grooved sole safe on wet floor
 - machine washable, sterilizable at 135°C
 - available also with strap for extra security (26471-26482)
 - individually packed in carton box
 - all models (with or without pores, with or without straps) are available in any size or colour (including red and violet).
- Minimum order for products not coded: 100 pairs.



Size	UPPER WITHOUT PORES					UPPER WITH PORES			
	White	Green	Electric Blue	Orange	Fuchsia	White	Yellow	Blue	Green with strap
34-35	26311	26331	-	26371	-	26411	-	26451	26471
35-36	26312	26332	-	26372	-	26412	-	26452	26472
36-37	26313	26333	-	26373	-	26413	-	26453	26473
37-38	26314	26334	26354	26374	26394	26414	26434	26454	26474
38-39	26315	26335	-	26375	-	26415	-	26455	26475
39-40	26316	26336	-	26376	-	26416	-	26456	26476
40-41	26317	26337	-	26377	-	26417	-	26457	26477
41-42	26318	26338	26358	26378	26398	26418	26438	26458	26478
42-43	26319	26339	26359	26379	26399	26419	26439	26459	26479
43-44	26320	26340	26360	26380	26400	26420	26440	26460	26480
45-46	26321	26341	-	26381	-	26421	-	26461	26481
47-48	26322	26342	-	26382	-	26422	-	26462	26482



WOOD AND PLASTIC FLAVOURED TONGUE DEPRESSORS



• **25500 PLASTIC COLOURED TONGUE DEPRESSORS - with flavour**

Plastic tongue depressor animal shaped, with strawberry aromatic flavour and bright colour. Individually packed, in plastic envelope. Packed in box of 50 pieces.

• **25505 PLASTIC BABY TONGUE DEPRESSORS**
Same as code 25500 but with no aromatic flavour. Packed in box of 50 pieces



Quality tongue depressors manufactured with selected and seasoned wood. Edges accurately finished. 150x18 mm. Individually packed in a paper envelope and sterilized.

GIMA code	WOOD TONGUE DEPRESSOR - STERILE
25511	Tongue depressor - box of 50
25512	Tongue depressor - box of 2000 (40 boxes of 50 pcs)



• **25510 WOOD TONGUE DEPRESSORS - non sterile**

Wooden medical tongue depressors made of quality birch wood. Edges accurately finished.

Size: 152 x 17 x 1.6 mm
Made in PRC.

Supplied in boxes of 100 pcs.

minimum order: 50 boxes of 100 = 5,000 pcs

VINYL AND LATEX GLOVES

VINYL GLOVES: Sensitivity and protection.

Ideal gloves for hospital attendants, for everyday use, they warrant protection and sensitivity. Medium weight, designed for many applications, including laboratory procedures and hospital ward use. Packed in dispenser box 100 units. EN455-EN347-AQL<1.5

With Powder	Powder free elasticised	VINYL GLOVES - NON STERILE (box of 100)
25701	25716	Small size - NON sterile
25702	25717	Medium size - NON sterile
25703	25718	Large size - NON sterile

LATEX GLOVES ambidextrous - with hem

Pure latex gloves, non sterile, hypoallergenic, packed in dispenser box 100 units. EN455-EN347-AQL<1.5

With Powder	Powder free	LATEX GLOVES EXTRA NON STERILE (box of 100)
25706	25711	Small size - NON sterile
25707	25712	Medium size - NON sterile
25708	25713	Large size - NON sterile

With Powder	Powder free	LATEX GLOVES EXTRA LONG NON STERILE (box of 50)
-	25691	Medium extra long size 400 mm



STERILE SURGICAL GLOVES

Latex sterile surgical gloves with low content of latex proteins. The micro textured surface assures a very good grip in any different condition of use. Lightly powdered. Anatomic shape assuring a very good comfort. Sterilized by ETO.

GIMA code	LATEX SURGICAL GLOVES - STERILE box of 50 pairs
25685	Size 6.5 - sterile
25686	Size 7 - sterile
25687	Size 7.5 - sterile
25688	Size 8 - sterile
25689	Size 8.5 - sterile



NYTRILE GLOVES - NO POWDER

Disposable nitrile examination gloves, powder free and latex free, conform EN455 - EN374 - AQL<1,5 Suitable for end users with sensible skin, medical, labs, final industry use. It assures a great protection.



GIMA code	NYTRILE GLOVES - NON STERILE (box of 100)
25680	Small size - non sterile
25681	Medium size - non sterile
25682	Large size - non sterile

DRACULA



• **25700 DRACULA**
Universal holder for gloves and tissue boxes, with little sharp teeth automatically adjust to tightly hold any size of box. It's an universal holder that allows one-hand operation.

For minimum 500 pcs. we can put your logo here

COPOLYMER GLOVES

COPOLYMER GLOVES ON PAPER
Examination gloves, elasticised, medium size, for gynecology use.

• **25714 COPOLYMER GLOVES - non sterile**

minimum order: 10 pack of 100 pieces = 1.000 pcs.

• **25709 COPOLYMER GLOVES - sterile**
Sterilized by ETO. AQL <1.5

minimum order: pack of 100 pieces



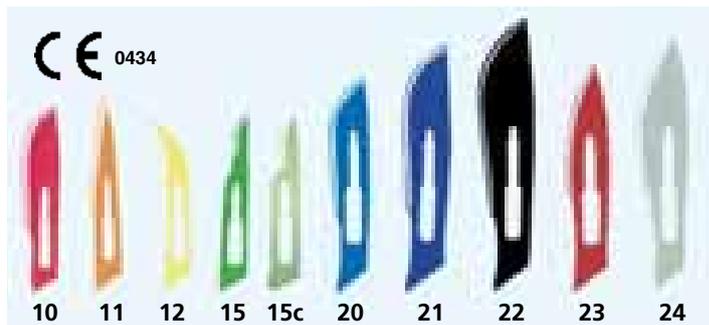
GIMA: DISPOSABLE S/S SCALPELS & STAINLESS OR CARBON STEEL BLADES

"GIMA" DISPOSABLE BLADES - sterile

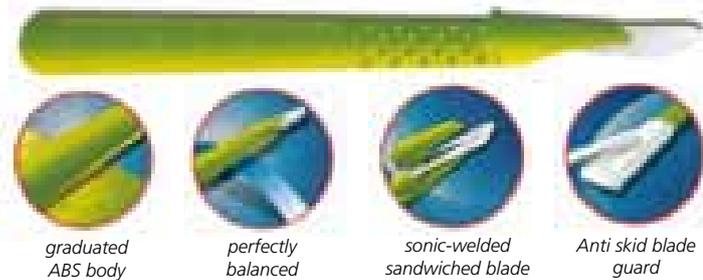
Standard surgical blades are available in both high carbon and stainless steel and manufactured in accordance with the requirements of British Standards BS 2982:1992, BS 5194: 1992 and ISO 7740:1985. Each blade is hallmarked. Each blade is individually packed in aluminium foil. Carbon Steel blades are VPI paper protected. Blade size are clearly identified on the reverse side of the foil peel-pack and by a colour coded sticker on unit boxes. Supplied sterile in unit dispenser boxes of 100.

"GIMA" DISPOSABLE SCALPELS - sterile

S/S blade fitted into an ABS plastic handle. Individually packed in sterilized envelope. Safety blade guard. Box of 10 pcs.

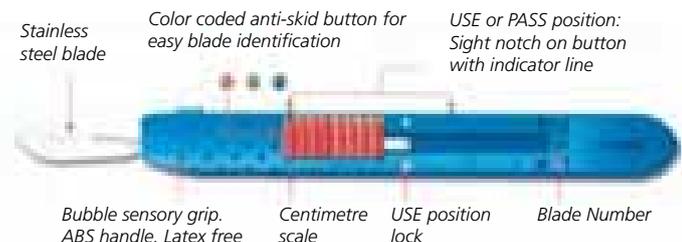


GIMA code	SCALPEL HANDLES - STAINLESS STEEL		Minimum order	
26913	Scalpel Handle N° 3 for blades 10-15		10 pcs	
26914	Scalpel Handle N° 4 for blades 20-25		10 pcs	
Carbon steel	Stainless steel	GIMA STERILIZED BLADES (PACK OF 100 PCS.)	Minimum order	
27000	27020	Sterilized blades No.10	↑ 10 packs also assorted ↓	
27001	27021	Sterilized blades No.11		
27002	27022	Sterilized blades No.12		
27003	27023	Sterilized blades No.15		
27009	-	Sterilized blades No.15c		
27004	27024	Sterilized blades No.20		
27005	27025	Sterilized blades No.21		
27006	27026	Sterilized blades No.22		
27007	27027	Sterilized blades No.23	↓	
27008	27028	Sterilized blades No.24		
Standard Model	Safety Model	GIMA STERILIZED DISPOSABLE SCALPELS STAINLESS STEEL (PACK OF 10 PCS.)		Minimum order
27040	27050	Disposable scalpels - blade 10		↑ 10 packs also assorted ↓
27041	27051	Disposable scalpels - blade 11		
27042	-	Disposable scalpels - blade 12		
27043	27053	Disposable scalpels - blade 15		
27049	-	Disposable scalpels - blade 15c		
27044	-	Disposable scalpels - blade 20		
27045	-	Disposable scalpels - blade 21		
27046	-	Disposable scalpels - blade 22		
27047	-	Disposable scalpels - blade 23		
27048	-	Disposable scalpels - blade 24		



"GIMA" SAFETY DISPOSABLE SCALPELS - sterile

Scalpels with stainless steel retractable blade with steadfast disposal lock. Supplied in box of 10 pcs.



PARAGON BLADES AND SCALPELS

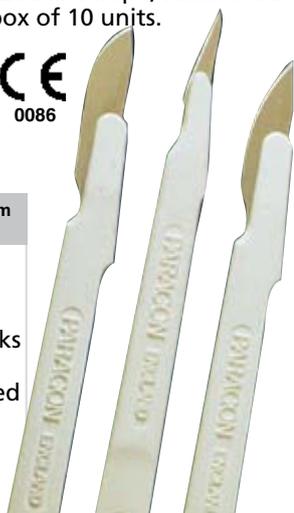
"PARAGON" DISPOSABLE S/S BLADES - sterile

These high quality blades are manufactured with best British stainless steel. They guarantee excellent sharpening and perfect cut control. Individually packed in metal foil in cardboard box of 100 units. Gamma rays sterilized.

"PARAGON" DISPOSABLE SCALPELS WITH S/S BLADE - sterile

Grip on the plastic handle allows stability for long straight incisions. Individually packed in sterilized envelope, reinforced with blade protection, in cardboard box of 10 units.

**TOP QUALITY
MADE IN UK**



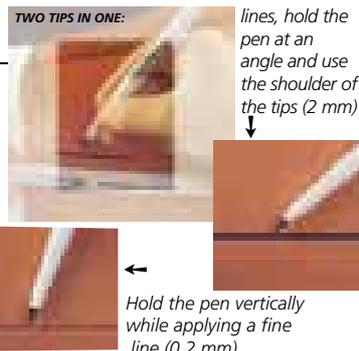
Blades box of 100	Scalpels box of 10	STERILE, S/S BLADE	Minimum order
26901	26920	Blade 10	↑ 10 packs also assorted ↓
26902	26921	Blade 11	
26903	26922	Blade 12	
26904	26923	Blade 15	
26905	26924	Blade 20	
26906	26925	Blade 21	
26907	26926	Blade 22	
26908	26927	Blade 23	
26909	26928	Blade 24	

26920-26928

SKIN MARKER

33181 CLINICON - sterile - box of 10

The Clinicon® Surgical Skin Marker features a versatile tip for precise fine line marking preferred in plastic surgery or when held at an angle, broad line marking for applications in general, neuro and vascular surgery, as well as radiology and radiation therapy. The marker's Gentian violet ink is nontoxic, non tattooing and surgical prep-resistant. Markings can be removed from the skin with isopropyl (rubbing) alcohol. The gamma radiation sterilized package is easy to open, HIBC bar coded and includes a separate six inch, flexible ruler calibrated in both inches and centimeters.



KAI BIOPSI BLADE

• **26935 BIOPSI BLADE - box of 20 pcs**
A new biopsy product from the experience of KAI: blade with sure grip handle for precise biopsy. Sterile and ready to use

SUITABLE FOR SAUCERIZATION

SINGLE-USE STERILE DERMAL CURETTES



CE 0197



Stainless steel semi-sharp cutting edge for abnormal soft or weak tissue. Size embossed on each curette for easy identification. Sterile ready-to-use, use once and discard. Eliminates need for re-sharpening and sterilization. Wide range of sizes. **Used in the following minor surgical skin procedures:** Curettage of a basal cell carcinoma, curettage of a verruca and curettage of any other benign neoplasms of the skin. **Clinical Areas.** Dermatology, surgical, podiatry, veterinary

GIMA code	DERMAL CURETTES	Minimum order
26950	Dermal Curettes Ø 2 mm	20 pcs.
26951	Dermal Curettes Ø 3 mm	20 pcs.
26952	Dermal Curettes Ø 4 mm	20 pcs.
26953	Dermal Curettes Ø 5 mm	20 pcs.
26954	Dermal Curettes Ø 7 mm	20 pcs.



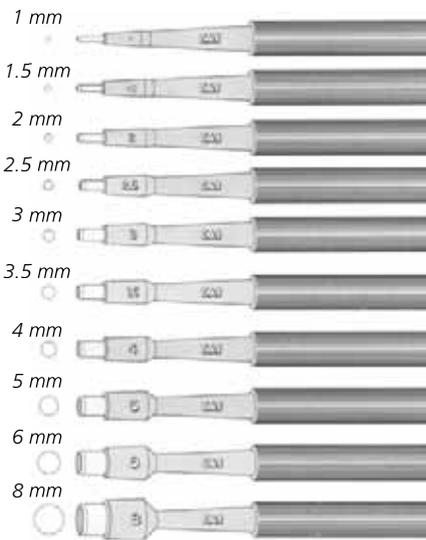
SINGLE-USE STERILE BIOPSY PUNCHES

Stainless steel sharp cutting edge, ribbed handle for sure grip. Size embossed on each punch for easy identification. Suggested for dermatology, gynaecology, podiatry. Each punch is individually sealed in a peel-apart see-through package.

*Internal Plunger System
Ejects lodged skin specimen inside
the metal lumen of the punch*



Standard	With plunger	BIOPSY PUNCHES	Blade length mm	Minimum order
26939	26970	Biopsy Punches Ø 1 mm	7	20 pcs.
26940	26971	Biopsy Punches Ø 1.5 mm	7	20 pcs.
26941	26972	Biopsy Punches Ø 2 mm	7	20 pcs.
26938	-	Biopsy Punches Ø 2.5 mm	7	20 pcs.
26942	26974	Biopsy Punches Ø 3 mm	7	20 pcs.
26943	-	Biopsy Punches Ø 3.5 mm	7	20 pcs.
26944	26976	Biopsy Punches Ø 4 mm	7	20 pcs.
26946	-	Biopsy Punches Ø 5 mm	7	20 pcs.
26947	-	Biopsy Punches Ø 6 mm	7	20 pcs.
26948	-	Biopsy Punches Ø 8 mm	7	20 pcs.



*Seamless Stainless Steel Cutting Edge
Ensures a consistently smooth cutting surface, allowing optimal specimen quality*



SUTURES - FINE WOUND CLOSURE MATERIAL

CLINISILK STERILE BLACK BRAIDED SILK SUTURE B.P.

Non-absorbable sutures made from pure natural silk, braided to form a multifilament thread, double treated with a silicone coating to prevent capillarity and to enhance ease of passage through tissue. Silk sutures are considered to have the best handling and tying characteristics. Suture length: 45 mm.

CLININY STERILE BLUE MONOFILAMENT NYLON SUTURE B.P.

Non-absorbable synthetic monofilament suture made from Polyamide 6.6. No tissue reaction, excellent tensile strength and handling characteristics.

Nylon is a highly favoured material for skin closure. Suture length: 45 mm.

GIMA code		CLINISILK AND CLININY SUTURES - pack of 12 pcs.		
Silk	Nylon	Gauge	Needle	Type of needle
25910	25920	2/0	26 mm	Reverse cutting - 3/8
25911	-	3/0	22 mm	Conventional cutting - 1/2
-	25921	3/0	20 mm	Conventional cutting - 3/8
25912	25922	3/0	24 mm	Reverse cutting - 3/8
-	25923	3/0	25 mm	Fine conventional cutting - 3/8
25914	25924	4/0	19 mm	Reverse cutting - 3/8
-	25925	5/0	16 mm	Reverse cutting - 3/8
25916	25926	5/0	19 mm	Reverse cutting - 3/8
-	25927	6/0	12 mm	Reverse cutting - 3/8
25918	25928	6/0	16 mm	Reverse cutting - 3/8

CLINISORB STERILE BRAIDED SYNTHETIC ABSORBABLE SUTURE

CliniSorb is a synthetic absorbable braided suture made from a polymer of Glycolic acid. This material is inert, non collagenous, non-antigenic, non-pyrogenic and has a high tensile strength and predictable absorption rate, allowing wound support for approximately 21 days. It is treated with a surface coating to ensure smooth tissue passage and enhance knot sliding. It is not affected by infection, inflammatory processes or exposure to protein digesting enzymes in the gastro intestinal tract. Suitable for both skin closure and where non-permanent wound support is indicated.



CE 0088

GIMA code	CLINISORB SUTURES - pack of 12 pcs. - synthetic		
	Gauge	Needle	Type of needle
25900	2/0	24 mm	Reverse cutting - 3/8 - 70 mm
25901	3/0	19 mm	Reverse cutting - 3/8 - 45 mm
25902	4/0	19 mm	Reverse cutting - 3/8 - 45 mm

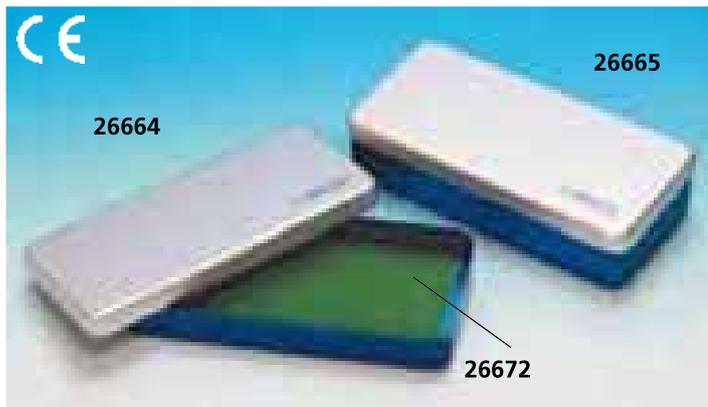
ROUND STERILIZER DRUMS

ROUND STERILIZER DRUM for autoclave and hot air sterilizer manufactured from stainless steel AISI304. Sliding removable band and drop down clasps.

GIMA code	ROUND STERILIZER DRUMS
26673	Ø 120x h 120 mm
26674	Ø 140x h 140 mm
26676	Ø 160x h 120 mm
26678	Ø 180x h 180 mm
26680	Ø 190x h 160 mm
26681	Ø 240x h 160 mm
26682	Ø 240x h 240 mm
26683	Ø 290x h 160 mm
26684	Ø 290x h 240 mm
26685	Ø 340x h 340 mm
26686	Ø 390x h 250 mm



ALUMINIUM BOXES



- 26664 ALUMINIUM BOX 21.8 x 10.6 x h 3 cm
 - 26665 ALUMINIUM BOX 21.8 x 10.6 x h 3 cm
- Useful containers for the sterilization of surgical instruments and to maintain them sterile. Rubber tray not included. Nice aluminium box with blue base and silver cover.
- 26672 RUBBER TRAY 20x10 cm (for 26669, 26664, 26665)

STAINLESS STEEL BOXES



STAINLESS STEEL BOXES

- 26654 STAINLESS STEEL BOX 20 x 10 x h 6 cm
- 26655 STAINLESS STEEL BOX 25 x 12 x h 6 cm
- 26656 STAINLESS STEEL BOX 30 x 15 x h 6 cm

STAINLESS STEEL BOXES WITH HANDLES

- 26668 STAINLESS STEEL BOX 18 x 8 x h 4 cm
 - 26669 STAINLESS STEEL BOX 20 x 10 x h 4.5 cm
 - 26670 STAINLESS STEEL BOX 25 x 12.5 x h 4.6 cm
 - 26671 STAINLESS STEEL BOX 30 x 15 x h 6 cm
- Autoclavable 100°

PLASTIC HOLLOWARE



PLASTIC HOLLOWARE - autoclavable hundreds of time
For the protection and delivery of sterile instruments to operating rooms. For the administration of procedures, holding cleansing solutions and the administration of medicines and fluids.

4 good reasons to choose plastic line:

- 50% cheaper than stainless steel equivalent
- autoclavable at 135°C with no limits
- attractive modern design
- lighter than equivalent stainless steel

All products are manufactured from polypropylene material That is easy to clean, resistant to most healthcare chemicals.

- 26630 GALLIPOT/LOTION BOWL 60 mm - 98 ml
 - 26631 GALLIPOT/LOTION BOWL 80 mm - 200 ml
 - 26632 GALLIPOT/LOTION BOWL 100 mm - 350 ml
 - 26633 GALLIPOT/LOTION BOWL 150 mm - 1000 ml
 - 26635 KIDNEY DISH 200 x 98 mm - 500 ml
 - 26636 KIDNEY DISH 250 x 130 mm - 750 ml
- with special nodules on rim to prevent vacuum during autoclaving
- 26638 INSTRUMENT TRAY 200 x 150 x 51 mm
 - 26639 INSTRUMENT TRAY 300 x 250 x 52 mm
 - 26640 COMPARTMENT TRAY 270 x 180 x 41 mm



26640

AUTOCCLAVABLE AT 135°C

STAINLESS STEEL HOLLOWARE - AUTOCLAVABLE 121°C


GIMA code	INSTRUMENT TRAYS
Without cover	
26600	208x109x h 15 mm
26601	210x160x h 25 mm
26599	223x126x h 45 mm
26602	264x172x h 47 mm
26603	306x196x h 50 mm
26604	355x254x h 50 mm
26597	380x304x h 50 mm
26598	440x320x h 64 mm
With cover	
26605	223x126x h 45 mm
26606	264x172x h 47 mm
26607	306x196x h 50 mm
26608	355x254x h 50 mm
26609	440x320x h 64 mm

GIMA code	BED PANS AND URINALS
Bed Pan	
26592	320x85 mm (Round with cover)
26593	354x289x97 mm (Perfection Type)
26590	418x292x85 mm (Fracture Type)
Urinals	
26591	Ø 114x220 mm (Male Vertical)

GIMA code	WASH BASINS WITHOUT LIP
26586	Ø 310x h 72 mm
26587	Ø 318x h 84 mm
26588	Ø 405x h 95 mm

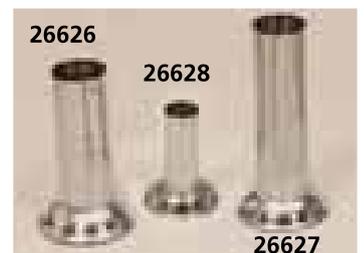
GIMA code	LOTION BOWLS
Round Bowls with lip	
26616	Ø 56 mm
26617	Ø 88 mm
26618	Ø 128 mm
26619	Ø 158 mm
26621	Ø 208 mm
26622	Ø 258 mm

GIMA code	DRESSING JAR WITH LID
26623	0.5 l Ø 106x66 mm
26624	0.1 l Ø 103x128 mm
26625	0.2 l Ø 127x162 mm

GIMA code	THERMOMETER JAR
26628	Ø 33x h 80 mm

GIMA code	FORCEPS JAR
26626	Ø 55x h 140 mm
26627	Ø 55x h 180 mm

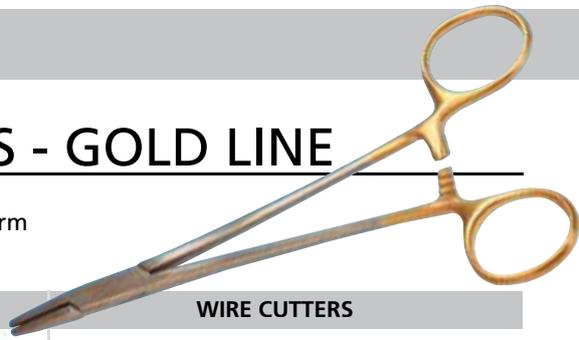
GIMA code	KIDNEY DISHES
Shallow	
26610	207x128x h 33 mm
26611	254x141x h 33 mm
26612	280x141x h 33 mm
Regular	
26580	162x77x31 mm
26581	207x98x39 mm
26582	247x122x43 mm
26583	309x149x59 mm
Regular with cover	
26584	207x98x39 mm
26585	247x122x43 mm
26589	309x149x59 mm

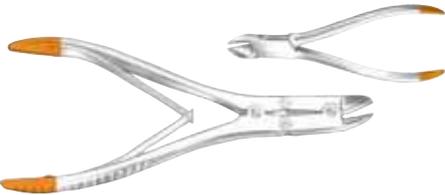
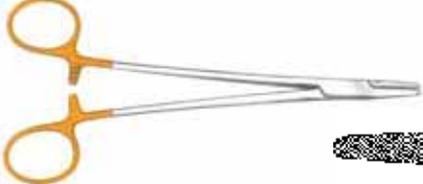
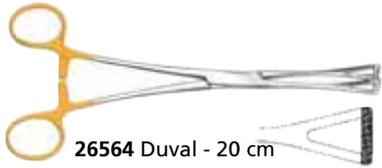


TUNGSTEN CARBIDE INSTRUMENTS - GOLD LINE

GOLD LINE - TUNGSTEN CARBIDE INSTRUMENTS

A top quality theatre use Tungsten Carbide Instruments to help surgeons to perform the precision surgeries with best results. These instruments are more reliable for hardness and corrosion resistance.

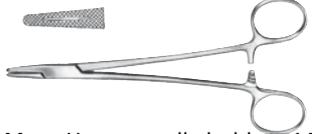


NEEDLE HOLDERS	SCISSORS	WIRE CUTTERS
 <p>26544 Webster needle holder - 12.5 cm</p>	 <p>26500 Straight scissors blunt/sharp - 14.5 cm 26501 Straight scissors blunt/blunt - 14.5 cm 26502 Straight scissors sharp/sharp - 14.5 cm 26503 Curved scissors blunt/sharp - 14.5 cm 26504 Curved scissors blunt/blunt - 14.5 cm 26505 Curved scissors sharp/sharp - 14.5 cm</p>	 <p>26570 Wire Cutter - 14 cm - for soft wires 0-1 mm 26571 Wire Cutter - 18 cm - for hard wires cutting up to 1.6 mm 26572 Wire Cutter - 23 cm - for hard wires cutting up to 2.0 mm</p>
 <p>26546 Crile Wood needle holder - 15 cm</p>	 <p>26526 Iris scissors - straight - 11.5 cm 26527 Iris scissors - curved - 11.5 cm</p>	 <p>26575 Wire holding - 18 cm</p>
 <p>26530 Mayo Hegar needle holder - 16 cm 26531 Mayo Hegar needle holder - 18 cm 26532 Mayo Hegar needle holder - 20 cm</p>	 <p>26528 Goldman Fox scissors - straight - 13 cm 26529 Goldman Fox scissors - curved - 13 cm</p>	<h3>ORGAN HOLDING FORCEPS</h3>  <p>26564 Duval - 20 cm</p>
 <p>26540 Olsen Hegar needle holder - 14 cm 26541 Olsen Hegar needle holder - 16.5 cm</p>	 <p>26510 Metzenbaum scissors - straight - 14 cm 26511 Metzenbaum scissors - straight - 18 cm 26512 Metzenbaum scissors - straight - 20 cm 26514 Metzenbaum scissors - curved - 14 cm 26515 Metzenbaum scissors - curved - 18 cm 26516 Metzenbaum scissors - curved - 20 cm</p>	<h3>MICRO NEEDLE HOLDER</h3>  <p>Plane tip Rough tip</p> <p>26550 Castroviejo Needle Holder straight - 14 cm - plane tip 26552 Castroviejo Needle Holder curved - 14 cm - plane tip 26551 Castroviejo Needle Holder straight - 18 cm - rough tip</p> <p>26554 Castroviejo - 13 cm</p>
 <p>26536 Mathieu needle holder - 14 cm 26537 Mathieu needle holder - 17 cm</p>	 <p>26520 Mayo Scissors - straight - 14.5 cm 26521 Mayo Scissors - straight - 18 cm 26522 Mayo Scissors - curved - 14.5 cm 26523 Mayo Scissors - curved - 18 cm</p>	<h3>ADSON FORCEPS</h3>  <p>26560 Adson - 12 cm 26561 Adson 1x2 teeth - 12 cm</p>

SCALPELS

SCALPELS AND PROBES
 <p>26698 Scalpel straight blade - 13 cm 26703 Scalpel straight blade - 17.5 cm</p>
 <p>26699 Scalpel pot-bellied blade - 13 cm 26704 Scalpel pot-bellied blade - 17.5 cm</p>
 <p>26701 Probe - 15 cm - Ø 2 mm</p>
 <p>26702 Butterfly probe - 14 cm</p>

NEEDLE HOLDERS

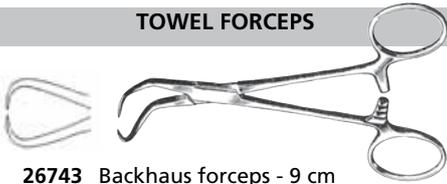
NEEDLE HOLDERS
 <p>26852 Crile Wood needle holder - 15 cm</p>
 <p>26818 Mayo Hegar needle holder - 14 cm 26732 Mayo Hegar needle holder - 16 cm 26819 Mayo Hegar needle holder - 18 cm 26733 Mayo Hegar needle holder - 20 cm</p>
 <p>26741 Mathieu needle holder - 14 cm 26730 Mathieu needle holder - 16 cm 26731 Mathieu needle holder - 20 cm</p>

MEDICATION

STITCH REMOVER FORCEPS/ SCISSORS
 <p>26737 Spencer scissors - 13 cm</p>
 <p>26722 Michel stitch remover forceps - 13 cm</p>
<h3>LISTER BANDAGE SCISSORS</h3>  <p>34125 Lister scissors - 11 cm 34129 Lister scissors - 15 cm 34130 Lister scissors - 18 cm</p>

STAINLESS STEEL SURGICAL INSTRUMENTS

TOWEL FORCEPS



- 26743 Backhaus forceps - 9 cm
- 26736 Backhaus forceps - 11 cm



- 26739 Backhaus Forceps for TNT- 13 cm

DISSECTING FORCEPS



- 26690 Anatomy forceps - 12 cm
- 26705 Anatomy forceps - 14 cm
- 26691 Anatomy forceps - 16 cm
- 26706 Anatomy forceps - 18 cm
- 26752 Anatomy forceps - 20 cm

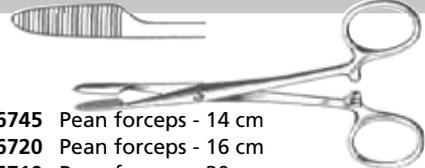


- 26692 Surgery forceps - 12 cm - 1x2
- 26707 Surgery forceps - 14 cm - 1x2
- 26693 Surgery forceps - 16 cm - 1x2
- 26708 Surgery forceps - 18 cm - 1x2
- 26753 Surgery forceps - 20 cm - 1x2

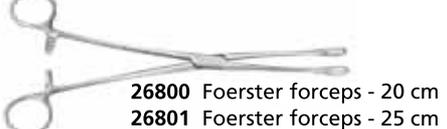


- 26750 Adson forceps - 12 cm
- 26751 Adson forceps - 12 cm - 1x2
- 26694 Micro Adson forceps - 12 cm
- 26695 Micro Adson forceps - 12 cm - 1x2

DRESSING SPONGE HOLDING FORCEPS



- 26745 Pean forceps - 14 cm
- 26720 Pean forceps - 16 cm
- 26710 Pean forceps - 20 cm



- 26800 Foerster forceps - 20 cm
- 26801 Foerster forceps - 25 cm



- 26805 Foerster "small ring" forceps - 25 cm



- 26845 Duval 14 cm x 10 mm

SCISSORS



Straight Blunt/Sharp

- 26754 Straight scissors blunt/sharp - 11.5 cm
- 26725 Straight scissors blunt/sharp - 14.5 cm
- 26729 Straight scissors blunt/sharp - 16 cm
- 26853 Straight scissors blunt/sharp - 18 cm
- 26726 Straight scissors blunt/sharp - 20 cm
- 26755 Curved scissors blunt/sharp - 11.5 cm
- 26727 Curved scissors blunt/sharp - 14.5 cm
- 26756 Curved scissors blunt/sharp - 16 cm
- 26854 Curved scissors blunt/sharp - 18 cm
- 26728 Curved scissors blunt/sharp - 20 cm



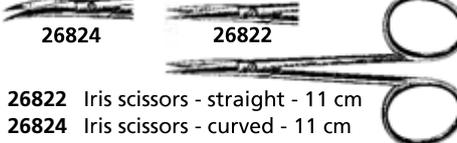
Straight Blunt/Blunt

- 26855 Straight scissors - blunt/blunt - 11.5 cm
- 26740 Straight scissors - blunt/blunt - 14.5 cm
- 26856 Straight scissors - blunt/blunt - 16 cm
- 26857 Straight scissors - blunt/blunt - 18 cm
- 26887 Straight scissors - blunt/blunt - 20 cm
- 26888 Curved scissors - blunt/blunt - 11.5 cm
- 26742 Curved scissors - blunt/blunt - 14.5 cm
- 26889 Curved scissors - blunt/blunt - 16 cm
- 26890 Curved scissors - blunt/blunt - 18 cm
- 26891 Curved scissors - blunt/blunt - 20 cm



Straight Sharp/Sharp

- 26892 Straight scissors - sharp/sharp - 11.5 cm
- 26744 Straight scissors - sharp/sharp - 14.5 cm
- 26893 Straight scissors - sharp/sharp - 16 cm
- 26894 Straight scissor - sharp/sharp - 18 cm
- 26895 Straight scissor - sharp/sharp - 20 cm
- 26896 Curved scissor - sharp/sharp - 11.5 cm
- 26746 Curved scissor - sharp/sharp - 14.5 cm
- 26897 Curved scissor - sharp/sharp - 16 cm
- 26898 Curved scissor - sharp/sharp - 18 cm
- 26899 Curved scissor - sharp/sharp - 20 cm



- 26822 Iris scissors - straight - 11 cm
- 26824 Iris scissors - curved - 11 cm

SURGICAL SCISSORS



- 26840 Metzenbaum scissors - straight 14.5 cm
- 26841 Metzenbaum scissors - straight 18 cm
- 26843 Metzenbaum scissors - curved 14.5 cm
- 26844 Metzenbaum scissors - curved 18 cm



- 26846 Mayo-stille scissors - straight 14.5 cm
- 26847 Mayo-stille scissors - straight 18 cm
- 26848 Mayo-stille scissors - straight 20 cm
- 26849 Mayo-stille scissors - curved 14.5 cm
- 26850 Mayo-stille scissors - curved 18 cm
- 26851 Mayo-stille scissors - curved 20 cm

HAEMOSTATIC FORCEPS



- 26714 Mosquito forceps - straight - 12.5 cm
- 26872 Mosquito forceps - straight - 14 cm
- 26715 Mosquito forceps - straight - 16 cm
- 26716 Mosquito forceps - curved - 12.5 cm
- 26873 Mosquito forceps - curved - 14 cm



- 26757 Kelly forceps - straight - 14 cm.
- 26717 Kelly forceps - straight - 16 cm.
- 26758 Kelly forceps - curved - 14 cm.
- 26718 Kelly forceps - curved - 16 cm.



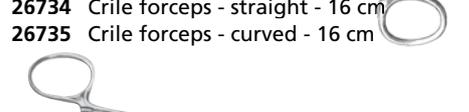
- 26828 Kocher forceps - straight - 14 cm - 1x2
- 26711 Kocher forceps - straight - 16 cm - 1x2
- 26829 Kocher forceps - straight - 18 cm - 1x2
- 26712 Kocher forceps - straight - 20 cm - 1x2
- 26831 Kocher forceps - curved - 14 cm - 1x2
- 26832 Kocher forceps - curved - 16 cm - 1x2
- 26833 Kocher forceps - curved - 18 cm - 1x2
- 26834 Kocher forceps - curved - 20 cm - 1x2



- 26749 Klemmer forceps - straight - 14 cm
- 26709 Klemmer forceps - straight - 16 cm
- 26835 Klemmer forceps - straight - 18 cm
- 26713 Klemmer forceps - straight - 20 cm
- 26836 Klemmer forceps - curved - 14 cm
- 26837 Klemmer forceps - curved - 16 cm
- 26838 Klemmer forceps - curved - 18 cm
- 26839 Klemmer forceps - curved - 20 cm



- 26734 Crile forceps - straight - 16 cm
- 26735 Crile forceps - curved - 16 cm



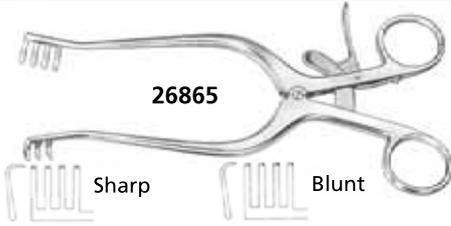
- 26721 Allis forceps - 15 cm
- 26759 Allis forceps - 19 cm

MAGILL AND COLLIN FORCEPS
see at page 182



GIMA code	INSTRUMENTS KIT IN ALUMINIUM BOX OR CORDURA BAG													
		26701	26702	26703	26704	26705	26707	26709	26722	26723	26724	26725	26730	26732
26760	Trousse standard - cordura bag 9 instr.	•	•	•	•	•	•	•	•	•	•	•	•	•
26761	Trousse classica - cordura bag 10 instr.	•	•	•	•	•	•	•	•	•	•	•	•	•
26762	Trousse suprema - cordura bag 11 instr.	•	•	•	•	•	•	•	•	•	•	•	•	•
26768	Trousse suprema - aluminium box 11 instr.	•	•	•	•	•	•	•	•	•	•	•	•	•

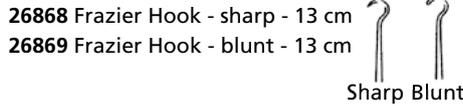
STAINLESS STEEL RETRACTORS



- 26858** Weitlaner-Loktite retractor - sharp
13 cm - 3x4 prompts
- 26859** Weitlaner-Loktite retractor - blunt
13 cm - 3x4 prompts
- 26865** Weitlaner Retractor - sharp
20 cm - 3x4 prompts
- 26866** Weitlaner Retractor - blunt
20 cm - 3x4 prompts



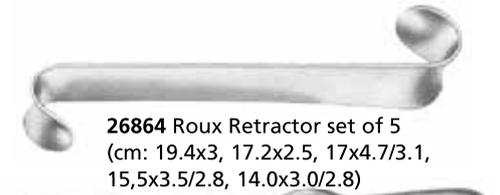
- 26867** Farabeuf retractors - set of 2 - 12 cm



- 26868** Frazier Hook - sharp - 13 cm
- 26869** Frazier Hook - blunt - 13 cm
- 26723** Hook - 15 cm.
- 26860** Masing Retractor - 14 cm



- 26862** Volkman- 3 teeth - sharp - 22 cm
- 26863** Volkman- 3 teeth - blunt - 22 cm



- 26864** Roux Retractor set of 5
(cm: 19.4x3, 17.2x2.5, 17x4.7/3.1, 15.5x3.5/2.8, 14.0x3.0/2.8)



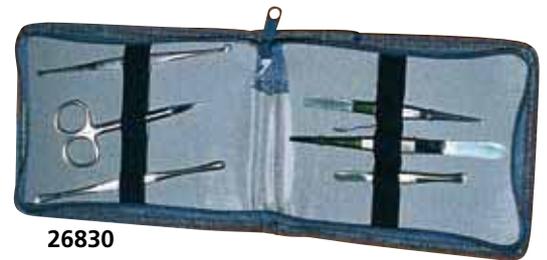
- 26861** Langenbeck Retractor - 21 cm

DERMATOLOGY INSTRUMENTS AND KIT

- 26707** ● Forceps surgery - 14 cm
- 26724** ● Forceps thin end - 12 cm
- 26821** ● Unna round - 14 cm
- 26820** ● Unna Oval - 14 cm
- 26823** ● Round forceps - 9 cm

- 26822** ● Scissors IRIS straight- 11 cm
- 26824** ● Scissors IRIS curved - 11 cm
- 26825** Katsch - 14 cm
- 26826** Gillies hook - 15 cm - small

- **26830** DERMATOLOGY KIT
- Includes 6 instruments marked with ●



26830

GYNAECOLOGY INSTRUMENTS AND KIT



- 26807** Novak suction cannula - 23 cm
- 26804** ★ Sims histerometer - 33 cm - silver
- 26803** ★ Bosch/Sims scissors - 23 cm
- 26802** ★ Schroeder forceps - 25 cm
(Pozzi-Palmer)
- 26801** ★ Foerster forceps - 25 cm

- 26813** Sims uterine curette - sharp - 8 mm - 26 cm
- 26814** Sims uterine curette - sharp - 9 mm - 26 cm
- 26815** Sims uterine curette - sharp - 14 mm - 26 cm



- 26817** Set of chrome plated Hegar Dilators
Include 14 dilators Ø 4-17 mm

- 26806** Schumacher biopsy forceps - 24 cm
- 26808** Schubert biopsy forceps - 21 cm
- 26809** Kogan endospeculum - 24 cm

- **26810** GYNAECOLOGY KIT
- Includes 4 instruments marked with ★ in a nice nylon bag.



26810

- 26811** Bozeman dressing forceps straight - 25 cm
- 26812** Bozeman dressing forceps curved - 25 cm

BEAUTY STAINLESS STEEL INSTRUMENTS

- 26870** Cuticle Scissor - 9 cm
- 26871** Nail Scissor - 9 cm
- 26875** Tweezer - 8 cm
- 26876** Tweezer - 9.5 cm

- 26885** Cuticle Nipper - 11.5 cm
- 26883** Ingrowing Nail Cutter - 11.5 cm
- 26886** Nail Nipper - 12.5 cm

- 26881** Nail Cutter Slant Jaws - 14 cm
- 26880** Nail Cutter - 14 cm
- 26882** Nail Cutter with 4 hinges - 16 cm

DENTAL STAINLESS STEEL INSTRUMENTS

IMPRESSION TRAY



60040
set of 10 perforated
impression trays
(5 lower + 5 upper)



60045
set of 10 solid
impression trays
(5 lower + 5 upper)

EXTRACTING-FORCEPS - FOR JAWS

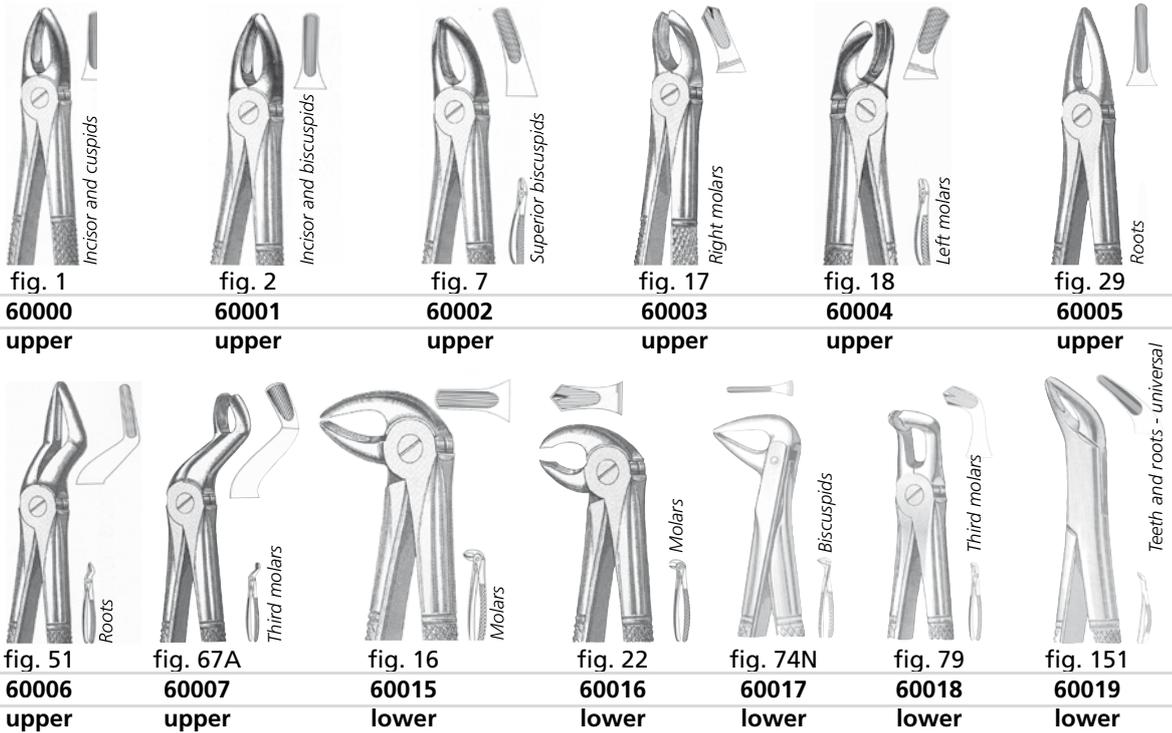
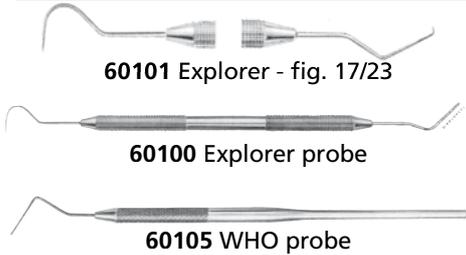


fig. 1 60000 upper	Incisor and cuspids	fig. 2 60001 upper	Incisor and bicuspid	fig. 7 60002 upper	Superior bicuspid	fig. 17 60003 upper	Right molars	fig. 18 60004 upper	Left molars	fig. 29 60005 upper	Roots
fig. 51 60006 upper	Roots	fig. 67A 60007 upper	Third molars	fig. 16 60015 lower	Molars	fig. 22 60016 lower	Molars	fig. 74N 60017 lower	Bicuspid	fig. 79 60018 lower	Third molars
										fig. 151 60019 lower	Teeth and roots - universal

EXPLORER AND PROBES

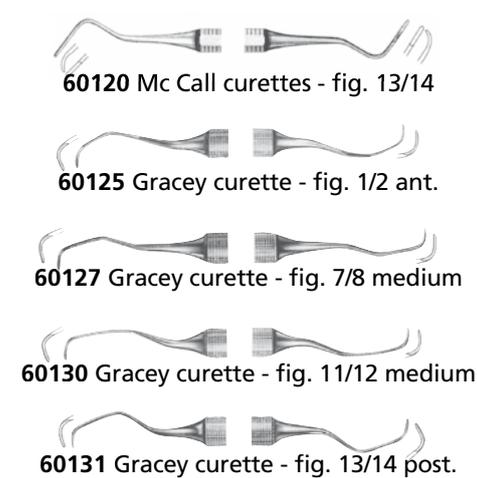


60101 Explorer - fig. 17/23

60100 Explorer probe

60105 WHO probe

GRACEY AND Mc CALL CURETTES



60120 Mc Call curettes - fig. 13/14

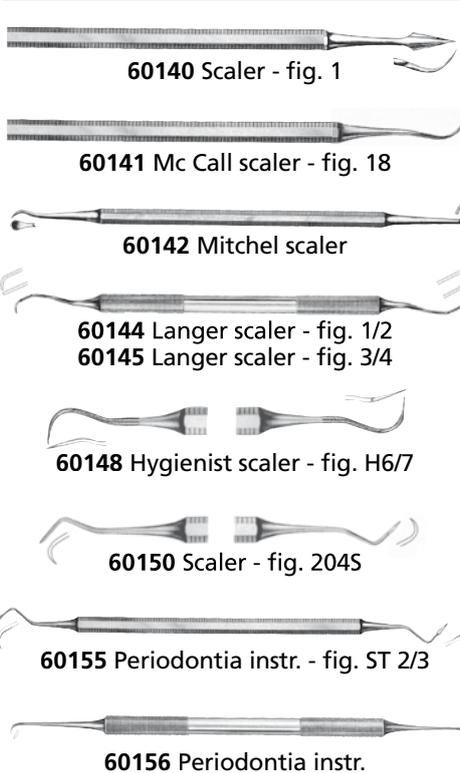
60125 Gracey curette - fig. 1/2 ant.

60127 Gracey curette - fig. 7/8 medium

60130 Gracey curette - fig. 11/12 medium

60131 Gracey curette - fig. 13/14 post.

SCALER



60140 Scaler - fig. 1

60141 Mc Call scaler - fig. 18

60142 Mitchel scaler

60144 Langer scaler - fig. 1/2

60145 Langer scaler - fig. 3/4

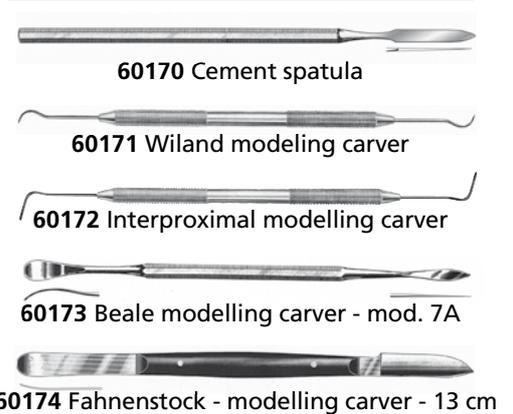
60148 Hygienist scaler - fig. H6/7

60150 Scaler - fig. 2045

60155 Periodontia instr. - fig. ST 2/3

60156 Periodontia instr.

CARVER



60170 Cement spatula

60171 Wiland modeling carver

60172 Interproximal modelling carver

60173 Beale modelling carver - mod. 7A

60174 Fahrenstock - modelling carver - 13 cm

FORCEPS

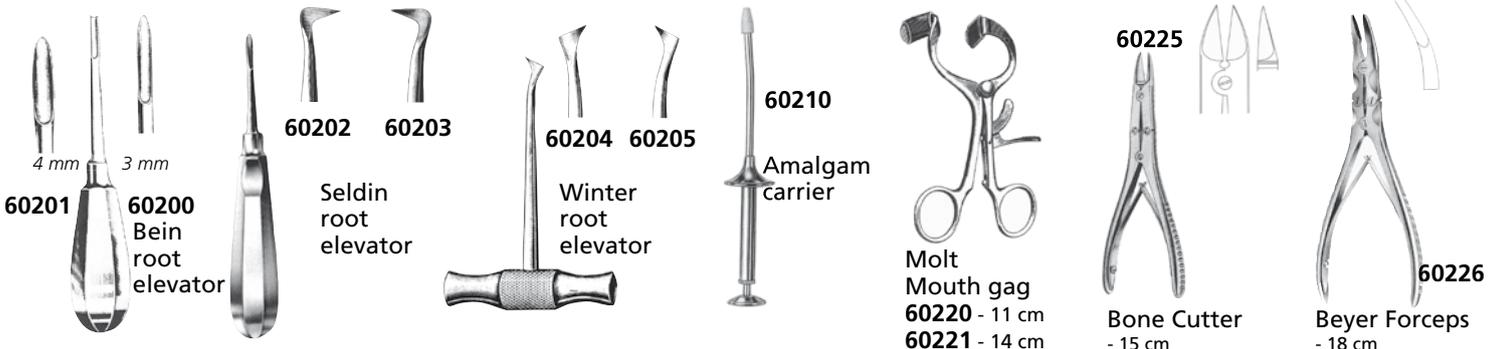


60190 London college forceps - 15 cm

CARTRIDGE SYRINGE



60195 Cartridge Syringe - 2.2 cc
with thread in millimeter
with aspiration
60196 Needle - spare



60201 Bein root elevator
4 mm

60200 Bein root elevator
3 mm

60202 Seldin root elevator

60203 Seldin root elevator

60204 Winter root elevator

60205 Winter root elevator

60210 Amalgam carrier

Molt Mouth gag
60220 - 11 cm
60221 - 14 cm

60225 Bone Cutter
- 15 cm

60226 Beyer Forceps
- 18 cm

ENT STAINLESS STEEL INSTRUMENTS AND KIT



Tongue depressors

- 25620 Mayo tongue depressor
- 25621 Bruenings tongue depressor - fenestrated ●
- 25623 Tobold tongue depressor



Nose/ear speculum

- 26774 Voltolini nose speculum - adjustable - Size 2 ●
- 26775 Voltolini nose speculum - adjustable - Size 0
- 26770 Set of 3 ear speculum Hartmann - Ø 4, 5, 6 mm ●
- 26784 Thudicum nose clip



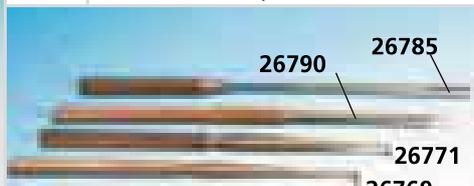
Nose Ear forceps and scissors

- 26773 Lucae ear forceps - 14 cm ●
- 26783 Troeltsch ear forceps - 12 cm
- 26779 Hartmann ear forceps - 14 cm
- 26781 Heymann scissors - 18 cm



Suction cannulas

- 26795 Frazier nose/ear suction cannula Ø 2 mm (18 cm)
- 26796 Frazier nose/ear suction cannula Ø 3 mm (18 cm)
- 26793 Frazier nose suction cannula Ø 4 mm (18 cm)
- 26794 Frazier nose suction cannula Ø 5 mm (18 cm)
- 26797 Rosen ear suction cannula Ø 1.5 mm (55 mm)
- 26798 Rosen ear suction cannula Ø 3 mm (55 mm)
- 26799 Suction adaptor with LUER tip for 26797/8



Hooks-Loops

- 26771 Lucae Hook - 14 cm (5 1/4") ●
- 26769 Lucae Hook - fine - 14 cm (5 1/4")
- 26790 Billeau Loop - 16 cm
- 26785 Swab holder - 16 cm



Killian/Hartmann nose forceps

- 26772 Killian/Hartmann nose forceps - 14 cm (5 1/4")/15 mm
- 26778 Killian/Hartmann nose forceps - 14 cm (5 1/4")/22 mm
- 26772 Killian/Hartmann nose forceps - 14 cm (5 1/4")/35mm ●
- 26776 Killian/Hartmann nose forceps - 14 cm (5 1/4")/50mm
- 26764 Killian/Hartmann nose forceps - 14 cm (5 1/4")/75mm
- 26777 F. O. Killian nose forceps - 14 cm/75mm fiber optic
- 26765 Tieck Halle nose speculum - 14 cm

GIMA code mm	Hartmann ear forceps			Picture
	A	B	C	
26782	90	11		

GIMA code mm	Hartmann micro forceps			Picture
	A	B	C	
26786	80	6		
26787	80	4	0.6	

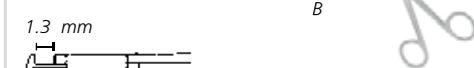
- 26788 MICRO EAR CUP-SHAPED POLYPUS FORCEPS
A = 80 mm, B = 4 mm



- 26789 MICRO EAR SCISSORS BELLUCCI
A = 80 mm, B = 4 mm



- 26791 MICRO EAR PUNCH - introduction instrument
A = 80 mm, B = 4 mm



- 26780 ENT KIT Includes all instruments marked with ● inside an aluminium box (Code 26665) 21 x 10 x h 5 cm.

LARYNGEAL MIRRORS AND SPIRIT LAMP



31614



31612

- 31616 ADJUSTABLE MIRROR HANDLE
- 31615 FIXED MIRROR HANDLE

31616

31615



GIMA code	LARYNGEAL MIRROR - STRAIGHT			Minimum order
31600	Mirror number	000	diameter 10 mm	10 pcs. mixed sizes
31601	Mirror number	00	diameter 12 mm	
31602	Mirror number	0	diameter 14 mm	
31603	Mirror number	1	diameter 16 mm	
31604	Mirror number	2	diameter 18 mm	
31605	Mirror number	3	diameter 20 mm	
31606	Mirror number	4	diameter 22 mm	
31607	Mirror number	5	diameter 24 mm	
31608	Mirror number	6	diameter 26 mm	

- 31612 SET 9 LARYNGEAL MIRRORS 000-6
Set of 9 laryngeal mirrors from 000 to 6, all mirrors have a different diameter: from 10 mm to 26 mm.
minimum order: 1 set of 9 mirrors

- 31614 SPIRIT LAMP - 120 cc
Lamp is made of AISI 304 stainless steel.
Brass cap to close flame area to avoid discoloration.

UTILITY BAG



• **27127 UTILITY DOCTOR BAG - empty**
Practical doctor bag for easy transport of instruments and medications provided with 8 internal movable divisions, 3 external pockets, 8 elasticated retaining, 1 internal pocket with zip, 1 removable mini bag. Size: 36 x 22 x h25 cm.

THERMAL BAG

Size: 34 x 25 x 24 cm



• **27209 THERMAL BAG - Colour yellow - nylon**
Thermal bag with pockets. Its temperature pack maintains cold or hot temperature for prolonged periods. Beautifully crafted, durable, insulated bag with detachable shoulder straps. 3 temperature packs included. Internal size: 30 x 23 x 21 cm. Made in Italy

• **27219 THERMAL BAG TEMPERATURE PACK**

INSTRUMENT BAGS, VIAL BAGS, DIABETIC BAGS



Size:
30 x 40 x h 14 cm

• **27139 DIATERMO BAG - Colour black - cordura**
Designed to carry small electrosurgical units, audiometers, spirometers, ECG with their accessories. One division to separate device from accessories and one zip pocket.



27133



27129

• **27129 MAXI VIALS BAG Colour red - cordura**
The best way to protect, identify and organize up to 9 phials of any size. Made of two parts, with elastic strips for holding big and small ampoules. Central partition with transparent polyvinyl window for documents. Size: 29 x 22 x h 7 cm.



Padded protection and velcro fastening

25742



With zip closure

25745

• **27133 MEDICATION BAG - Colour blue - cordura**
Compact cordura bag made in water-proof anti-scratch material: 2 internal zip pockets and 9 elasticated retainers for more instruments. Size: 34 x 24 x h 7 cm.



26650 Padded in velvety cloth with protection and velcro



With zip closure

26649



Size: 17 x 11.5 x 5.5 cm

27254

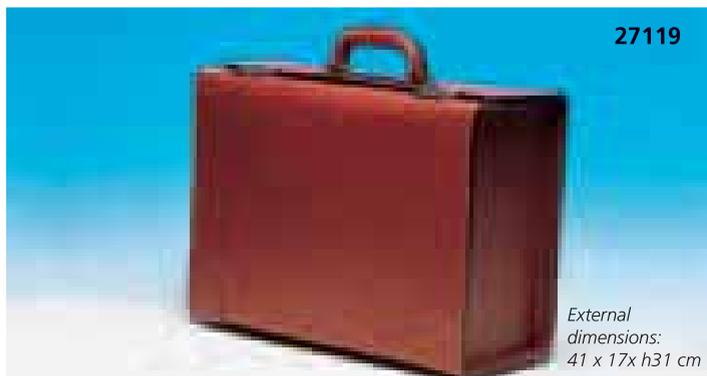
27255

Size: 24 x 18 x h 6 cm

• **27255 DIABETIC BAG - empty - blue**
• **27254 MINI DIABETIC BAG - empty- blue**
Thermal pharmaceutical bags made specifically for carrying medications that must be kept at cool temperatures, ideal for diabetics.
Temperature pack included to provide a temperature of about 10°C for up to 10 hours. Exterior material is a water repellent vinyl nylon with a foam backed. Made in Italy

GIMA code	CORDURA BAGS	Size	Colour	For
25742	Vials bag	19.5x15xh3 cm	Blue	12 vials
25745	Mini Vials bag	18x14xh2 cm	Black	6 vials
26650	Instrument bag	19.5x15xh3 cm	Black	12 instrum.
26649	Mini Instrument bag	18x14xh2 cm	Black	8 instrum.

HIGH QUALITY LEATHER BAGS - MADE IN ITALY



27119

External dimensions:
41 x 17x h31 cm

• **27119 PILOTA leather - colour chestnut**
Designed for Professional users requiring extra storage capacity. Rigid bottom, 3 inside partitions, two locks.



PRIME LEATHER

27117

External dimensions:
42 x 15 x h32 cm

• **27117 DIPLOMATICA leather - colour: black**
Professional leather bag with two compartments inside and internal zip pocket. Quality lock.



27126

PRIME LEATHER

External dimensions:
42 x 12 x h30 cm

• **27126 PRIMATO prime leather - colour: leather**
2 inside partitions, one with articles-holder, and large zip-fastener pocket. External large zip-fastener pocket, burnished locks.



27120

PRIME LEATHER

External dimensions:
34 x 17 x h21 cm

• **27120 VALIGETTA prime leather - colour: leather**
Rigid bottom, inside zip-fastener pocket and inside folding pocket, burnished lock.



27114

External dimensions:
38 x 20 x h20 cm

• **27114 AOSTA leather - colour: bordeaux**
Rigid bottom, inside zip fastener central pocket, lateral inside pocket, burnished lock.



27110

External dimensions:
35 x 12 x h22 cm

• **27110 TEXAS leather - colour: chestnut**
Rigid bottom, inside pocket with button fastening, burnished lock.



27115

External dimensions:
42 x 20 x h25 cm

• **27115 SUPERTEXAS leather - colour: black**
With outer pocket and inside zip fastener pocket, 2 burnished locks, inside transversal partition 8 cm. from side, large central area.



27116

External dimensions:
42 x 20 x h25 cm

• **27116 SUPERTEXAS leather - colour: chestnut**
With outer pocket and inside zip fastener pocket, 2 burnished locks, inside transversal partition 8 cm. from side, large central area.

■ SIMULATED LEATHER BAGS - MADE IN ITALY



27100

27101

External dimensions:
35 x 12 x h22 cm

- 27100 TEXAS skay - colour: black
 - 27101 TEXAS skay - colour: cognac
- Rigid bottom, inside pocket with button fastening, burnished lock.



27104

External dimensions:
38 x 20 x h20 cm

- 27104 INFERMIERA skay - colour: cognac
- Rigid bottom, inside zip fastener pocket and inside folding pocket, burnished lock.



27102

External dimensions:
42 x 20 x h25 cm

- 27102 ARIZONA skay - colour: cognac
- Folding bottom, inside partition, inside zip fastener pocket, outer pocket, burnished lock.



27105

External dimensions:
42 x 21 x h25 cm

- 27105 SUPERTEXAS skay - colour: cognac
- With outer pocket and inside zip fastener pocket, 2 burnished locks, inside transversal partition 8 cm. from side, large central area.



27106

External dimensions:
41 x 17 x h31 cm

- 27106 PILOTA skay - colour: cognac
- Designed for Professionals requiring extra storage capacity. Rigid bottom, 3 inside partitions, two locks.



27108

External dimensions:
45 x 20 x h25 cm

- 27108 LARGE POLUS skay - colour: cognac
- Rigid bottom, inside zip fastener folding pocket elasticated retainers for instruments on both inside sides.

■ KANSAS BAGS - 4 COLOURS

- 27095 KANSAS skay - colour: black
 - 27096 KANSAS skay - colour: brown
 - 27097 KANSAS skay - colour: electric blue
 - 27098 KANSAS skay - colour: ochre
- Rigid bottom, outer velcro pocket, inside partition, inside zip pocket, lock with key. Made in Asia - Italian design.

AVAILABLE IN ANY COLOUR
minimum order 100 pcs

External dimensions:
42 x 20 x h24 cm



27095

27097

27096

27098

EMERGENCY BAGS - 4 MODELS, 7 SIZES



4 pockets (5 for 27153)
1 or 2 on front, 2 on sides
and 1 on back

27153

27152

27150

Shoulder straps included with medium and large bag.



27153

Large 10 mm zips



Removable lining for easy cleaning



27151

Padded bottom and frontal pocket



Safe metal buckles

27200



27156

With 7 colour-coded removable pouches code 27200

Shoulder belt has colour sections. Colour resulting by child height, allows immediate identification of same colour pouch with correct products for that height/age

27165



• 27165 EMERGENCY BAG

Colour red - cordura - 35 x 45 x 21 cm
Capacious bag, despite the compact size. Large central compartment, 1 front and 3 lateral pockets. May be carried on shoulder (braces) or hand (2 handles). Made in strong, waterproof material with yellow refractive strips and rubber bottom.



27165

GIMA code	Model	Material	Colour	Size	Internal modular spaces	External pockets
27150	Small	Cordura	red	45x28xh28 cm	3	4
27151	Medium	Cordura	red	55x35xh32 cm	6	4
27152	Medium	Cordura	blue	55x35xh32 cm	6	4
27153	Large	Cordura	red	65x35xh35 cm	6	5
27156	Pediatric	Cordura	red	55x25xh30 cm	3	2

SMART BAGS - empty

Professional emergency bags extremely capacious with internal adjustable compartments which permit personalized organization of the space. Provided with external pockets, internal divisions, and one (2 for code 27153) removable pouch with transparent window. Made in strong, waterproof cordura material, provided with double yellow refractive strips. Internal lining is removable for easy cleaning. Waterproof rubber bottom to prevent water infiltration. May be carried on shoulder or hand.

• 27156 SMART PEDIATRIC BAG - cordura - empty

Made of same material and with same finish as smart line. This bag includes 7 colour-coded removable pouches (model E6) with transparent windows and one ampoule kit. Colour-coded pouches (E6) are designed to well organize products (size, ...) related to child's height. Shoulder belt has colour sections, same as pouches, and centimeters to allow immediate identification of correct product pouch depending on child's height. Size: 55x25xh 30 cm. With 2 external pockets.



27160

27161



27160



27161

• 27160 LIFE-1 BAG with 4 coloured pouches

• 27161 LIFE-2 BAG with 5 coloured pouches

2 section first-aid bag with double opening zip: bottom side with shockproof inner basin, upper side with 4 (27160) or 5 (27161) removable coloured pouches (model E1) with transparent window. Made of strong, waterproof cordura material provided with refractive yellow strips. Shoulder or hand portable. Size 35 x 20 x h 35 cm (Life-1), 48 x 25 x 30 cm (Life-2).

PROFESSIONAL EMERGENCY RUCKSACKS IN WATERPROOF CORDURA



• **27170 LOGIC-1 RUCKSACK - medium**
40 x 20 x h 47 cm

• **27171 LOGIC-2 RUCKSACK - large**
40 x 25 x h 47 cm

Supplied with 6 (27171) or 5 (27170) coloured pouches with transparent window and velcro strips, 2 frontal pockets and 2 lateral pockets. Internal velcro strips and elastics, to retain instruments. Central division with zip and elastics (only 27171). Provided with yellow reflective strips.

• **27174 AMBULANCE RUCKSACK**

Modular extra large rucksack provided with 8 internal pouches, 4 coloured with handle (model E5) and 4 coloured with transparent window (model E2). Velcro internal strips for pouches fixing. Provided with double yellow reflective strip. Size: 40 x 30 x h 57 cm

• **27175 SILOS RUCKSACK** **27175**

Professional, resistant rucksack. The Silos bag has a semi-stiff yet padded external structure. A special rubber layer bottom enhances the sturdiness of this product. Innovative shoulder strap design provides extra comfort to the back. Inside features: 5 see-through pouches (3 E2 pouches and 2 E4 pouches) and bottle holder, 2 frontal pockets. Size 35 x 28 x h 53 cm.

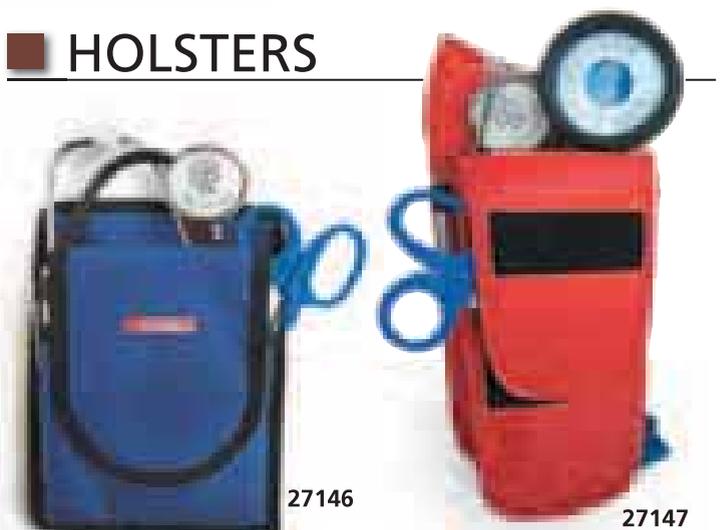


POUCHES WITH VELCRO



Model	Size - cm	RED	BLUE	YELLOW	GREEN	Standard with
E1	20x11x8	27180	27181	27182	27183	27160-27161
E2	28x12x10	27184	27185	27186	27187	27170/1/4/5, 27150/3
E3	28x15x11	27188	27189	27190	27191	27171
E4	33x15x11	27192	-	27194	-	27151/2, 27175
E5	29x19x11	27196	27197	27198	27199	27174
E6	38x10x5	27200	grey colour only			27156

HOLSTERS



GIMA HOLSTERS - EMPTY	Size	Colour	
		Red	Blue
Large Holster - with pocket	21x12xh6.5 cm	27147	27148
Flat Holster	19x14xh1 cm	27145	27146

GIMA SKINFOLD CALIPERS: MECHANICAL AND DIGITAL



- 27320 PLICOMETRO - Skinfold caliper - mechanical
- 27346 PLICOMETRO - Skinfold caliper - digital with PC cable for data transfer

This high precision instrument measures the thickness of a fold of skin with its underlying layer of fat giving physicians the situation of the subcutaneous tissues of the patient. Possibility of re-calibration
Produced to meet International Standards, the Gima "Skinfold caliper" has springs which exert a pressure of 10 g/mm" on the skinfold and an accurate scale which measures thickness in mm. With possibility of re-calibration of the pressure it solves the major problem of traditional skinfold caliper that is reduction of the tension of the spring in the time.

Easy to use and read

With double reading scale (code 27320) or digital display (code 27346), it is supplied with picture showing advised positions for measurements. Tables will help to obtain correct % of bodyfat from measured data and make a correct evaluation of the patient.

Stylish and user-friendly

A special nylon finish makes the device feel skin, avoiding trouble of contact with metal.

Made in metal and sold in an attractive wooden box.

Made in Italy.

User manual in English, French, Italian, Spanish.

Data management on PC (only 27346)

Compatible with windows 2000 and XP, does not work with windows 98.



BODY FAT ANALYZER WITH CARRYING CASE

• 27322 GIMA BODY FAT ANALYZER

Ideal for dieticians, gymnasia and sports centres, it is perfect also for homecare. It will help manage nutrition, fitness and weight control and can indicate if you are at the right weight and also whether or not you are nutritionally healthy. Advanced technology in your hands.

GIMA Body Fat Analyzer measures the flow of electrical signals (total body electrical resistance or impedance) as they pass through FAT, LEAN (muscle, bones, vital organs) or WATER. When the amount of fat, lean or water changes, so does the Body Fat signal, giving you a highly reliable and accurate measure of the amount of each of these components that make up your total weight. Specifically, 4 electrodes are placed over metacarpus and metatarsus where a 50 kHz current is introduced. The detected signal level will be an index of total body water and fat free mass.

Only 2 minutes for an essential and easy test

Testing and results take less than two minutes and have the same accuracy as other more expensive devices.

A lot of meaningful data

FAT: actual weight of fat on the body

LEAN: actual weight of lean, mostly muscle and vital organs

WATER: water content in the body

% FAT: percentage of fat weight in total body weight

% LEAN: percentage of lean weight in total body weight

BMR: basal metabolic rate

Target Weight: weight goal under optimal condition

Target % Fat: normal percent for sex and age

Portable, for performing test everywhere

Small size and light weight for portability.

Body Fat Analyzer helps to get and stay fit.

It helps to maximize personal level of fitness if you want to lose weight, build muscle, tone and trim, or simply be sure you are maintaining your current level of fitness:

- enables you to check effectiveness of weight loss program, telling exactly where your weight loss is coming from (fat-lean-water).

- it helps monitoring improvements in muscle mass as a result of exercise and/or diet.

- establishes a baseline for your body composition, so that

nutritional and fitness improvements can be regularly monitored. Body fat is sold with a carrying case, kit of 2 sensor cable, sensor pads (box of 20), 2 x 9V batteries, transformer and manual (English, Italian).

- 27321 SPARE SENSOR CABLES (kit of two) units sold after 06/02

- 27323 SENSOR PAD (box of 20) - replacement

Each sensor can be reused 5-6 times.

- 32205 9V ALKALINE BATTERY

- 27324 CALIBRATION KIT

Frequent calibration is necessary for accurate results.

TECHNICAL SPECIFICATIONS

Size: 66 x 176 x 208 mm

Test frequency: approx. 50 kHz

Test current: less than 1mA

Weight: 1,500 g (unit, battery and probe).

Power source: two 9 Volt DC batteries or 230V (by transformer)

Norms: 89/336/EEC/ (it is not a medical device)



MEASURING DEVICES AND HEIGHT METERS



27328

CE

LCD digit
height: 9 mm

27333

Size:
345x92x28 mm

Power supply:
2x1.5V AA
batteries

SOEHNLE
PROFESSIONAL



27327

CE 0068

27325

• 27328 TAPE HEIGHT MEASURE

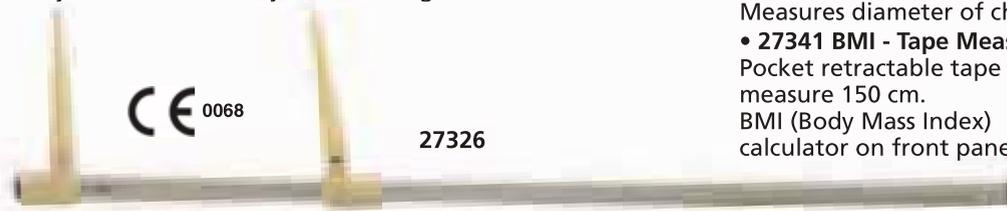
Clear scale 0-200 cm. Easily secured to a wall.

• 27333 ELECTRONIC HEIGHT ROD - Soehnle

Measuring range: 50-300 cm (20-118 inch), division: 1 cm.

• 27326 BABY MEASURE "CALIBRO" Weight 300 g.

Made in oxidized aluminium, metric graduation 0-900 mm, every 5 mm. Certified by Italian "weights and measure office".



CE 0068

27326

• 27325 BONE MEASURE

Slip-knot caliper in anticorodal for knee, shoulder, wrist, elbow...measuring. Measuring capacity: 150 mm. Burner length: 100 mm.

Tested by Italian "weights and measures office".

• 27327 CRANIOMETRO - HEAD MEASURE

In special, soft, plastic material.

Measures diameter of child head up to 60 cm.

• 27341 BMI - Tape Measure

Pocket retractable tape measure 150 cm. BMI (Body Mass Index) calculator on front panel.



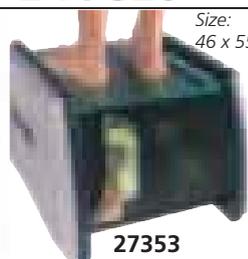
27341

POSTURE DEVICES



Size:
80x72x h 225 cm

27352



Size:
46 x 55 x h 33 cm

27353

• 27353 PODOSCOPE

The podoscope is a device for the plantar analysis of the feet.

It has a lacquered wooden structure and a crystal top with an inclined mirror below it for a real view of the sole of the feet, which highlights the points of greatest and least load.

Double lateral illumination with high level effect lamps. Max Load 135 kg.

• 27352 POSTURAL ANALYZER

The postural analyser consists of a bilaminar footboard with adjustable feet.

The two lateral aluminium rods are equipped with millimetric scales along with measuring sliders and strings to allow correct body alignment (Barré's vertical). Adjustable upper mirror.

• 27338 GONIOMETER WITH ARMS (tolerance 1°)

For measuring analytical motility of various body segments in degrees (from 0 to 360 in a clockwise or anti-clockwise direction).

Consists of two perspex arms (3mm thick) that will remain open at any given position due to the friction at the joint between them. Two graded scales: one increasing scale and one decreasing scale. Arm length: 30 cm



27338

30 cm



27345

• 27345 BRIEFCASE - instrument set

Includes: inclinometer and support, goniometer with arms, gibboneter, cirtometer, torsiometer, ruler with visual-analogue scale, retractable tape measure, dermatographic pencil. For the most precise and complete (functional, postural, clinical and radiological) measurement of analytical motility and scoliosis.

CE 0068

• 27330 INCLINOMETER - gravity goniometer (patent)

Used for precise measurement of analytical motility angles of various parts of the body. The instrument can be fixed to the body parts, avoiding the need for propping to the limbs. Can be used to rapidly measure radiographs (tolerance 0.5°).

• 27332 TORSIOMETER

Used with radiographs for the evaluation of metameric rotation (Cobb's) and cunation of the vertebrae by simply overlaying it on the radiograph.

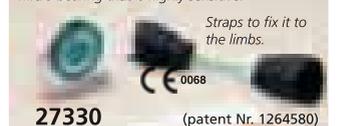
• 27334 CIRTOMETER

For the measurement of the sagittal and spinal curves and the lumbopelvic region by placing the instrument on the spinous process. Can also be used to evaluate the shape of the gibbus in scoliosis. This graduated flexi-curve holds any position given to it.

• 27336 GIBBOMETER

Gives a measurement in mm of the gibbus in the scoliosis of the spinal column (tolerance 1 mm).

The instrument works using gravity (the reference remains perfectly vertical while the instrument is moved) - The moving parts are mounted on a micro bearing that is highly sensitive.



27330

(patent Nr. 1264580)

Straps to fix it to the limbs.

CE 0068

Perspex structure with two orthogonal cursors that allow for movement and measurement. Length: 30 cm.



A spirit level that checks horizontal alignment

27336

GIMA PROFESSIONAL SCALES



27239

TECHNICAL SPECIFICATIONS

Capacity: 160 kg Dial Ø: 180 mm
Sensitivity: 1,000 g
Weight: 3 kg
Dimension: 430 x 380 x 70 mm



• **27239 GIMA PROFESSIONAL SCALE**
Mechanical scale with classic design: a large and clear dial, a robust housing made of steel. Supplied in multilingual gift box. Made in Europe.



• **27240 DIGITAL PROFESSIONAL SCALE**
Digital scale with extra large, easy to read LCD display (65 mm). Strong and durable steel construction comfortable platform. Lb/kg/st switchable by user. Supplied in multilingual gift box. Made in Europe.



27240

TECHNICAL SPECIFICATIONS

Capacity: 200 kg
Sensitivity: 100 g
Power: lithium battery (included)
Dimension: 430 x 380 x 70 mm



GIMA BATHROOM SCALES



27230

• **27230 MECHANICAL SCALE**
Analogue bathroom scale with stable construction and plastic cover.

TECHNICAL SPECIFICATIONS

Capacity: 125 kg (275 lb)
Sensitivity: 1,000 g (2 lb)
Warranty: 2 years



LCD display
76x36 mm

27232

• **27232 DIGITAL SCALE**
Electronic bathroom scale with plastic platform. 4 sensor high precision system with automatic switch off. Lb/kg/st switchable by user.

TECHNICAL SPECIFICATIONS

Capacity: max 150 kg (330 lbs) - min. 3 kg (6.6 lb)
Sensitivity: 100 g = (0.2 lb)
Dimension: 302 x 315 x 40 mm
Power: battery: 2xAAA - not included
Warranty: 2 years



LCD display
60x26 mm

27233

• **27233 DIGITAL GLASS SCALE - white**
• **27234 DIGITAL GLASS SCALE - orange**
Electronic bathroom scale with 6 mm thick tempered glass platform. 4 sensor high precision system with automatic switch off. Lb/kg/st switchable by user.

TECHNICAL SPECIFICATIONS

Capacity: max 150 kg (330 lb) - min. 3 kg (6.6 lb)
Sensitivity: 100 g (0.2 lb)
Dimension: 285 x 285 x 32 mm
Power: 1x CR2032 battery - not included
Warranty: 2 years



DIGITAL BATHROOM FASHION SCALES



ULTRA SLIM

Foldable
LCD display
80x44 mm

27235

• **27235 SLIM DIGITAL SCALE**
Ultra flat personal scale in an elegant silver colour glass design. Only 18 mm high for excellent stability. Automatic on/off function weighs immediately upon stepping on the scale. Shuts down when not in use.

TECHNICAL SPECIFICATIONS

Capacity: 150 kg (330 lbs) - min. 3 kg (6.6 lb)
Sensitivity: 100 g (0.2 lbs)
Platform: tempered glass 300 x 300 x 6 mm
Power: 2x CR2032 battery - not included
Warranty: 2 years



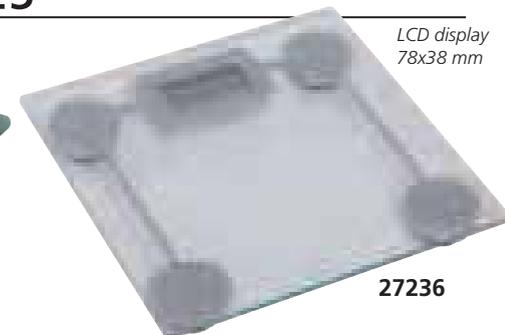
27315



• **27315 VERONA DIGITAL SCALE**
Digital bathroom scale with easy-clean plastic platform cover and bright LED digits. Automatic Start.

TECHNICAL SPECIFICATIONS

Capacity: 150 kg (330 lbs)
Sensitivity: 100 g (0.2 lbs)
Power: 2x3V lithium battery - not included
Warranty: 3 years



LCD display
78x38 mm

27236

• **27236 GLASS SCALE**
Electronic bathroom scale with 6 mm thick safety glass platform. 4 sensor high precision system. Automatic switch off. Lb/kg/st selectable by user.

TECHNICAL SPECIFICATIONS

Capacity: max 150 kg (330 lbs) - min. 3 kg
Sensitivity: 100 g (0.2 lb)
Platform: tempered glass 300 x 300 x 6 mm
Power: 2x CR2032 batteries - not included
Warranty: 2 years



PROFESSIONAL SCALES



ANALOGIC AND DIGITAL

• **27242 MEDISCALE SOEHNLE 7840**
Mechanical-digital scale with high precision and elegant design. The weight is displayed on a LCD display and on the glass scale.



SOEHNLE
PROFESSIONAL

27242



CE

27285

TECHNICAL SPECIFICATIONS

Capacity: 150 kg
Sensitivity: 500 g ± 2 g
Weight: 4 kg

seca

CE

27242

TECHNICAL SPECIFICATIONS

Capacity: 180 kg LCD display and glass scale
Sensitivity: 100 g Dimension: 430 x 380 x 70 mm
Weight: 4 kg

• **27285 SECA 762 SCALE**
Traditional model with large easy-to-read dial. Pointer professional scale in strong metal structure white painted. Consistent accuracy on any surface. Spacious platform design with no slip rubber mat, stable for safety. Tare function.
Made in Europe.

BODY COMPOSITION ANALYZERS - SCALES



ULTRA SLIM

27238

TECHNICAL SPECIFICATIONS

Capacity: max 150 kg (330 lb) min 3 kg (6.6 lb)
Sensitivity: 100 g (0.2 lb)
LCD Display: 80 x 44 mm
Tempered glass: 300 x 300 x 6 mm
Battery: 2x CR2032 - not included

• **27238 WELLNESS SCALE**
Measuring body weight, fat, water, muscle content (in percentage) and daily caloric consumption. Overload and low battery indication, weight in kg/lb/st 10 memories.

• **27237 BODY FAT SCALE**
Measuring body weight, fat, water, muscle content, bone mass weight and daily caloric consumption. Overload and low voltage indication. 4 memories with individual keys for easy operation. Display all data at same the time. Auto on/off, weight in kg/lb/st.



27237

TECHNICAL SPECIFICATIONS

Capacity: max 150 kg (330 lb) min 3 kg (6.6 lb)
Sensitivity: 100 g (0.2 lb)
LCD Display: 93 x 45 mm
Battery: 4xAAA - not included

PRECISION SCALE



27246

• **27246 PRECISION SCALE**
With tempered glass Ø 160 x 4 mm tare function, kg/lb-oz

TECHNICAL SPECIFICATIONS

Capacity: 5 kg LCD display: 35x15 mm
Sensitivity: 1 g Size: 190 x 160 x h 50 mm
Battery: 1xCR2032 - not included

SLIM SCALE



ULTRA SLIM

• **27247 SLIM PRECISION SCALE**
With safety tempered ultra slim glass 248x180x3 mm. Touching key, overload indication, tare function, back light.

TECHNICAL SPECIFICATIONS

Capacity: max 5 kg (11 lb) min 2 g (0,207 lb)
Sensitivity: 1 g (0,05 oz)
LCD display: 65 x 35 mm
Size: 248 x 180 x 16 mm
Battery: 3xAAA 1.5V - not included

DIET SCALE

1,800 DIFFERENT FOODS

• **27248 DIET SCALE**
Measuring weight and nutrition value of foods. Just input food code, you can easily know calories, fat, cholesterol, fiber, protein, carbohydrates, of the food. Analysis of 1,800 kind of foods, ingredients and liquids with a high precision strain gauge sensor system. Made in Europe



TECHNICAL SPECIFICATIONS

Capacity: max 3 kg (6.6 lb)
Sensitivity: 1 g (0,05 oz)
Battery: 4xAAA - not included

GIMA ELECTRONIC BABY SCALE



• **27313 GIMA ELECTRONIC BABY SCALE**
 Handy, reliable and well-designed electronic baby scale. Provided with large LCD display 65 x 26 mm and kg/lb switch. Multilingual user manual and gift box.

TECHNICAL SPECIFICATIONS

Capacity: 20 kg / 44 lbs	Sensitivity: 10 g
Dimensions: 595 x 340 x 90 mm	Weight: 4 kg
Battery operated: 4x1.5V AA	Auto-off function to save battery

SECA MECHANICAL BABY SCALE



• **27299 SECA 725 - mechanical**
 • **27294 SECA 745 - mechanical** **M** **CE** **III**
 The sturdy classic: with its softly curved weighing tray, the stable all-steel casing and the precise, smooth running weights, this model is the indestructible original baby scale.

TECHNICAL SPECIFICATIONS

Capacity: 16 kg	Sensitivity: 5 g (27299) 10 g (27294)
Dimensions: 550 x 190 x 305 mm	Weight: 6 kg
Made in Europe	

HOME CARE BABY SCALE

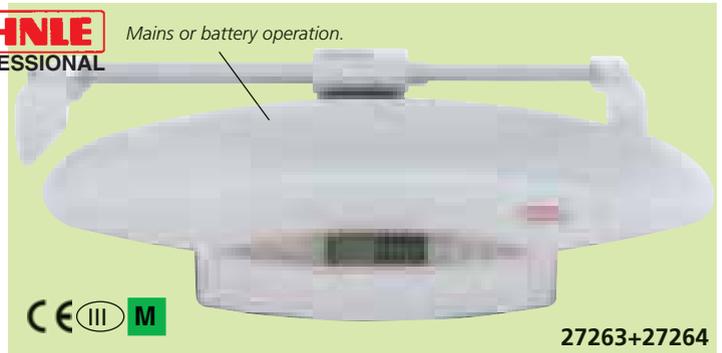


• **27309 SOEHNLE 8310 DIGITAL BABY SCALE**
 Well-designed, easy to handle baby scale made out of plastic - Detachable baby tray scale for children up to 20 kg.
 - Quattro-Tronic technology with 4 load cells for fast readings.
 - Fully-electronic scale: no wear and tear parts, no maintenance.
 - Easy to read LCD-display with 20 mm figures.
 - One button control for on-tare-off functions.
 - "Weight-lock" function for precise and reliable readings.
 - Tare function to calibrate for baby blankets/textiles.
 - Battery operated (9V battery - not included).
 - Multilingual user manual. Made in Germany.
 • **27304 CASE FOR TRANSPORT**
 • **27311 TRAY FOR SOEHNLE 8310 - spare**

TECHNICAL SPECIFICATIONS

Capacity: 20 kg	Dimensions: 530 x 240 x 100 mm
Battery operated	Sensitivity: 10 g
Warranty: 2 years	Weight: 4 kg
Made in Germany	

HOSPITAL DIGITAL BABY SCALE



• **27263 SOEHNLE 7725 HOSPITAL SCALE - digital**
 The Soehnle Professional Babyscale 7725 is a two-range scale with high precision and reliability suitable for hospital use (approved class III, MGP class I). The damping and hold function guarantee a stable weight indication. Another advantage of the babyscale is its high stability for save weighing of our babies. Easy to clean plastic and ergonomic forms without chamfers and components allow a simple and hygienic cleaning.
 - High-contrast LCD display with 20 mm high figures
 - Large reading angle
 - Automatic zeroing at switch-on
 - Tare function key (laid on pad can be tared)
 - Hold function
 - Main and battery operation
 • **27264 BABY HEIGHT ROD - available june 2009**
 Digital and mechanical rod, 35 to 80 cm, division 1 mm.

TECHNICAL SPECIFICATIONS

Capacity: 15 kg	Sensitivity: 2 g up to 6 kg, 5 g from 6 kg up
Dimensions: 60 x 35 x 12 cm	- 4.6 kg
Operating voltage: 220-235 V/50-60 Hz	or rechargeable batteries
Made in Germany	

FAMILY BABY SCALE

• **27301 FAMILY BABY SCALE**
 Baby scale suitable for domiciliary use.
 Capacity 20 kg/44 lbs
 Scale division: 50 g (0-10 kg) - 100 g (10-20 kg)
 Plastic tray
 Dialplate in kg and lbs
 Manual zero adjustment



DIGITAL SCALE



• **27288 PEGASO DIGITAL SCALE with height meter (70x190 cm)**
Professional digital scale supplied with integrated height meter. This scale can be operated by mains or batteries.

TECHNICAL SPECIFICATIONS

Capacity: 200 kg Sensitivity: 100 g
Dimensions: 535 x 275 x 940 mm
Platform: 372 x 275 mm Weight: 15 kg
Power supply: 220 V - 50 Hz
Battery accumulator: 6V 5AH
Recharging time: 4-5 hours
Operating time when fully charged: 36 hours

• **27310 ASTRA SCALE - 200 kg mechanical with height meter (75-200 cm)**
Traditional scale with robust lever system, powder coated platform and column, provided with wheels for easy transport. User manual in English, Spanish, French, Italian, German, Greek, Portuguese, Arabic.

TECHNICAL SPECIFICATIONS

Capacity: 200 kg
Sensitivity: 100 g
Weight: 15 kg
Dimensions: 275 x 1,485 x 530 mm
Platform: 375 x 275 mm

ASTRA SCALE



Reading on both sides of measuring rod

CE 0044

Platform with antiskid cover

27310

SECA MEDICAL SCALES - CLASS III



CE 0108
III M

DIAL WITH BMI

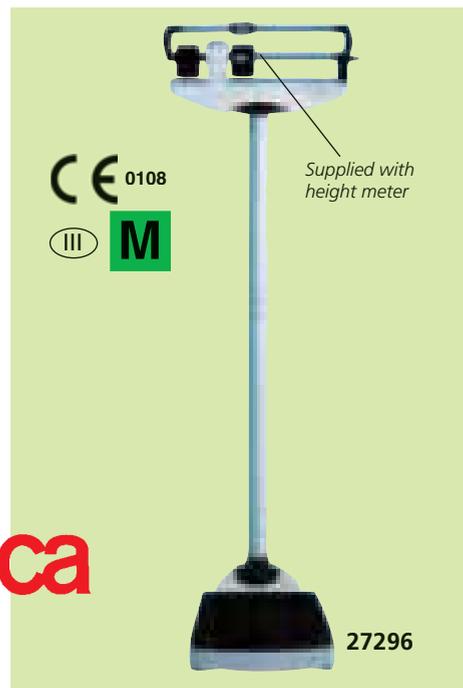
27284

seca

• **27284 SECA 756 - mechanical with height meter**
Tradition combined with modern design. With a very sensitive precision mechanism to show weight through the aid of a well visible red pointer on the circular dial. User manual in English, Spanish, French, German, Italian.

TECHNICAL SPECIFICATIONS

Capacity: 160 kg
Sensitivity: 500 g
Weight: 18 kg
Dimensions: 628 x 360 x 1,000 mm
Platform: 360 x 350 mm with wheels



CE 0108
III M

Supplied with height meter

27296

• **27296 NEW SECA 711 - mechanical with height meter**
Mechanical column scale with weight adjustment at eye level. Weight can be measured in a conventional way: by aligning two chrome plated indicators. User manual in English, Spanish, French, German, Italian.

TECHNICAL SPECIFICATIONS

Capacity: 220 kg
Sensitivity: 100 g
Weight: 23.5 kg
Dimensions: 520 x 1,556 x 520 mm
Platform: 350 x 360 mm

FERT SCALES



CE

CE III M

27265

Steel platform with non slipping ABS cover

27307

• **27305 FERT SCALE - 200 kg**
• **27307 FERT SCALE - 150 kg**
• **27265 FERT SCALE - 150 kg class III**
Same as code 27307 but with III M
All Fert supplied with height meter (95-200 cm). Solid base made of steel with tempered spindles of 6 mm and reinforced bearings in V shape. Chromed balancing arm with easy reading graduation. Easy recalibration on site. Height rod graduated in millimetres

TECHNICAL SPECIFICATIONS

Capacity: 150 kg/200 kg
Sensitivity: 100 g
Base measures: 500 x 310 x 70 mm
Platform measures: 300 x 300 mm antiskid
Height: 1400 mm
Made in European Community

Keys to symbols:

M = Metrological Approval for use in medical field
CE III = Calibration according to class III sensitivity required by 90/384/EEC

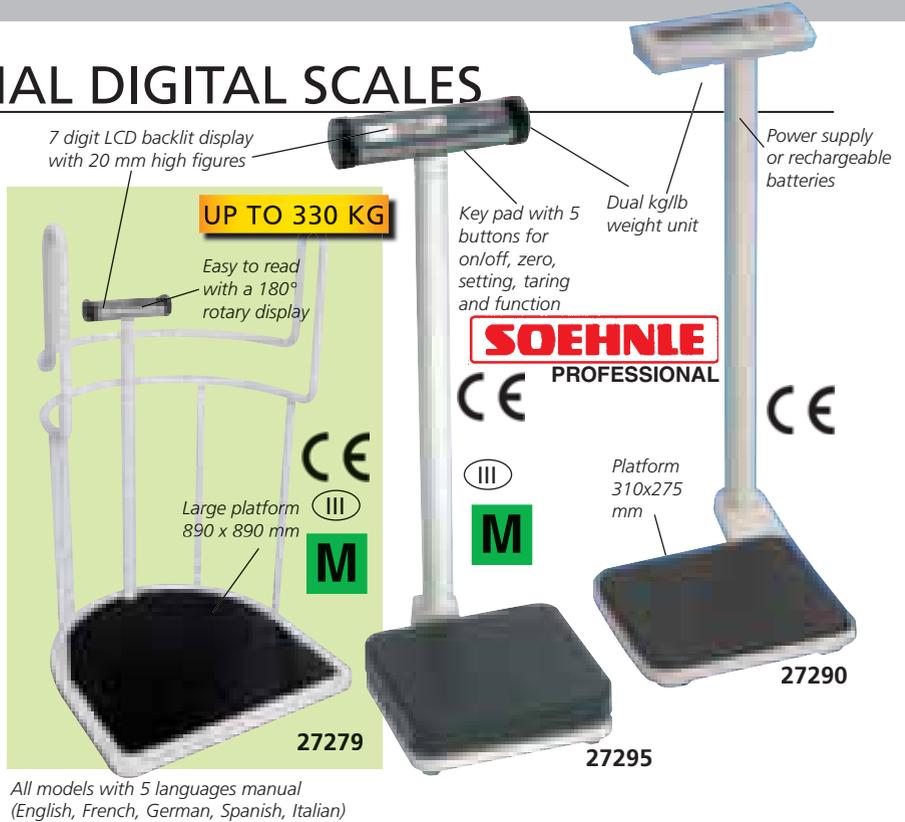
CE 0108 = Approved scales according to 93/42 EEC

SOEHNLE PROFESSIONAL DIGITAL SCALES

SOEHNLE DIGITAL SCALES - Made in Germany.
All scales are provided with dual kg/lb readings.

- **27290 SOEHNLE 7800 - 200 kg**
Digital scale with 850 mm stand, easy to read display with 20 mm figures. Easy one button handling.
- **27295 SOEHNLE 7700 - 250 kg - hospital**
similar to code 27290 but with **CE III M**
Function key either for BMI (Body Mass Index), hold, and dialysis function. Unit switch kg/lb.
- **27269 HEIGHT METER - optional for scale 27290, 27291, 27295**
- **27279 SOEHNLE 7703 scale with holding device, for handicapped and adiposity patients.**
Same functions as code 27295. **CE III M**

TECHNICAL SPECIFICATIONS			
	27290	27295	27279
Capacity:	200 kg (440 lb)	250 kg (550 lb)	330 kg (792 lb)
Sensitivity:	100 g	50g<150 kg>100 g	100g<200 kg>200 g
Dimension mm:	350 x 450 x 860	310 x 400 x 865	890 x 800 x 1,484
Weight:	10 kg	12 kg	35 kg
Power Supply:	230V - 50/60 Hz		
Battery life:	200 hours	120 hours	40 hours
	with four 1.5 V mignon batteries		



FITNESS SCALE



- **27286 FITNESS SCALE SOEHNLE 7850**
Its body analysis function can measure muscle, fat and water content, in addition to weight, as well as pulse rate and the current energy conversion. The recording takes place by hand contact, saving time enabling the user to stand comfortably on the scale with shoes. In addition, clothing is taken into consideration in the analysis evaluation.
- **33250 PAPER 57 mm x 25 m - box of 5**

TECHNICAL SPECIFICATIONS	
Capacity:	180 kg
Sensitivity:	100 g (0.2 lbs)
Kg/lbs selection function	
Dimensions:	370 x 670 x 1,290 mm
Platform:	365 x 485 x 45 mm
Power supply:	100-240 V, 50/60 Hz

DIGITAL CHAIR SCALE



- **27273 CHAIR SCALE**
Mobile - with the scale to the patient. Designed for weighing sick or handicapped patients. Fully electronic scale: no wear and tear parts, no maintenance. Easy to read display with 20 mm high figures. One button control for on-tare-off functions. Tiltable arms for easy access for bed-ridden and frail patients. Powered by either mains or by batteries (4x1.5V mignon batteries) Battery operating life up to 150 hours.

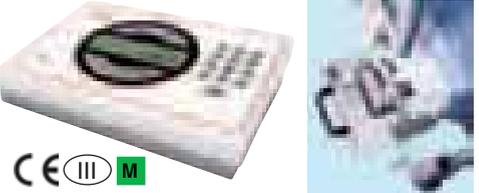
TECHNICAL SPECIFICATIONS	
Capacity:	200 kg (440 lb)
Sensitivity:	50 g<150 kg>100 g
Total weight:	27 kg
Dimensions:	580 x 1,100 x 930 mm
Operating voltage:	230 V / 50-60 Hz, 10 mA, 2.2 VA
Made in	Switzerland

VETERINARY SCALE
SEE PAGE 206

BED DIGITAL SCALE

- **27270 SOEHNLE 7711 BED SCALE BLUETOOTH**
Modern bed scale with bluetooth™ link, is perfectly suited for use in hospital. Its four radio-controlled interlocking weighing elements make it easy to install as no complicated cables are necessary. Features: Approved to Class III, MPG Class 1 Wireless transfer of measurement data Easy-Lift-System - innovative lift technology Low power requirement of foot sensors BMI, hold and dialysis function.

TECHNICAL SPECIFICATIONS	
Capacity:	500 kg / 1100 lb
Sensitivity:	0-300 kg: 100 g/0.2 lb 300-500 kg: 200 g/0.4 lb
Power supply:	230V/50Hz
Made in	Germany



WHEELCHAIR SCALE



- **27274 SOEHNLE 7805 WHEELCHAIR SCALE**
Transportable by means of 2 rollers and handle. Extremely lightweight platform weighing only 14 kg, with aluminium frame. Weighing platform made of waterproof bonded laminated wood. Anti-slip surface.

FOLDING WHEELCHAIRS AND COMMODE CHAIR



CE

ECONOMY

- Economy type
- fixed armrest and footrest
- folding
- solid castors
- solid rear wheel

27709

• 27709 STANDARD WHEELCHAIR - chromed



CE

PAEDIATRIC

- Aluminium type
- flip up arm-rest
- fixed foot-rest
- solid castors
- pneumatic rear wheels
- folding

27708

• 27708 PEDIATRIC WHEELCHAIR



CE

COMFORTABLE

- Heavy duty type
- a armrest and footrest
- folding

27715

• 27715 ROYAL WHEELCHAIR - chromed



EXTRA LARGE - 56 CM

- super width
- flip up armrest
- detachable footrest
- PU castors
- pneumatic mag wheel

27716

• 27716 EXTRA LARGE WHEELCHAIR - Steel



CE

27718

LIGHT - ONLY 13 KG

- Aluminium type
- detachable armrest, footrest and brake
- folding



• 27718 LIGHT WHEELCHAIR - Aluminium



CE

27717

DE LUXE

- Flip up desk armrest
- adjustable height
- detachable footrest
- PU castors
- quick release mag wheel
- folding



• 27717 DELUXE WHEELCHAIR - Aluminium



27702

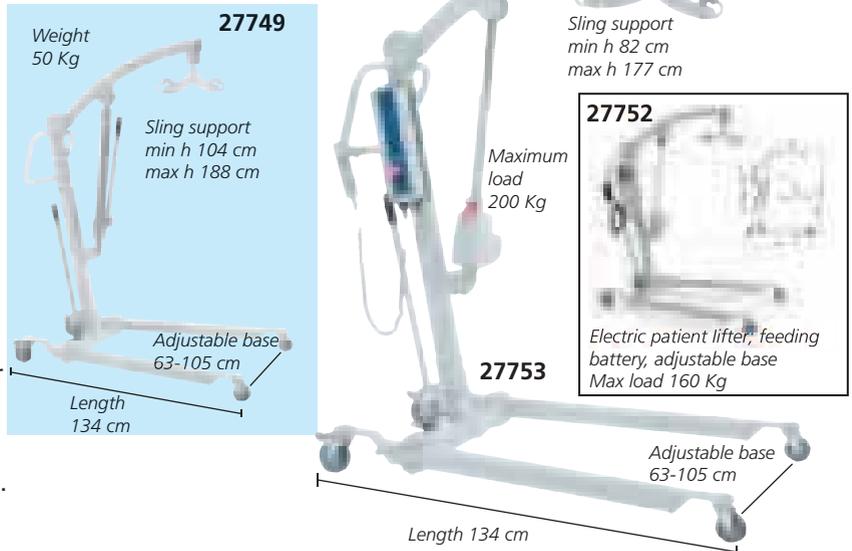
• 27702 COMMODE WHEELCHAIR - painted
• 27703 COMMODE WHEELCHAIR - stainless steel

GIMA code	65	24	46	59	20	50	87	106	40	45	100	93x24x88	19	21
27709	65	24	46	59	20	50	87	106	40	45	100	93x24x88	19	21
27708	51	32	35	57	15	48	89	97	36	40	100	87x33x70	13	15
27715	61	28	46	60	15	45	90	106	40	45	100	80x28x72	14	16
27716	72	32	56	60	20	54	93	109	45	46	125	80x33x93	21	23
27718	61	28	46	40	15	45	90	100	40	45	100	72x28x72	13	15
27717	69	36	46	61	15	52	91	105	40	45	120	80x33x92	17	19
27702/3	55	-	44	12.5	12.5	51	92	90	44	42	100	54x53x53	17	19

- 27706 TABLE for wheelchair - Universal connector
- 27705 IV STAND for wheelchair - Suitable for all models - universal connector
- 27707 FIRE RESISTANT PVC BACKREST AND SEAT - spare for 27715 only

HYDRAULIC AND ELECTRICAL LIFTERS

- **27749 HYDRAULIC LIFTER - max load 160 kg**
Lifting movement through a hydraulic pump operated by adjustable side control lever. Descent movement by independent exhaust-valve. Adjustable base 63 to 105 cm controlled by a manual device for an easy access to narrow places. Painted steel frame. Anti trauma push-handle. 2 rear castors Ø 100 mm, with independent brake and 2 front castors Ø 80 mm. Equipped with universal sling. Made in Italy.
- **27752 ELECTRICAL LIFTER 160 - max load 160 kg**
- **27753 ELECTRICAL LIFTER 200 - max load 200 kg**
Same as code 27749 but with electrical controls. Up and down movements through an electric motor 24 V D.C. and push button. Battery fed with current transformer with an emergency push-button for the immediate stop of the movement and free up/down piston-stroke.
- **27757 UNIVERSAL SLING - spare for 27749, 27752**
Made of polypropylene, anti-allergic, non toxic, washable.



RELAXING ARMCHAIR

- **27745 RELAXING ARMCHAIR - beige**
The relaxing, multifunctional armchair adaptable to any need. Metal structure. Stuffing with non-deformable foamed polyurethane with differentiated density. Medium-density foot section. Removable cover.
Lift motor 220/230V - 50/60 Hz.
Available on request 110V - 60Hz



WALKER AID AND ROLLATOR

- **27722 WALKER AID**
Made of lightweight aluminium tubing, non-slip end and padded handgrips. Size 54 x 58 foldable with adjustable height 74.5-92 cm. Weight: 2.4 kg - Load: 100 kg.
- **27721 ROLLATOR**
Size 58 x 54 with adjustable height 51-82 cm. Weight: 4.5 kg. Load: 100 kg.
- **27724 ROLLATOR WITH SEAT**
With seat, large front basket and brakes on wheels. Size 71 x 64 cm, adjustable. Height 81-93 cm. Seat at 55 cm. Weight 8 kg.



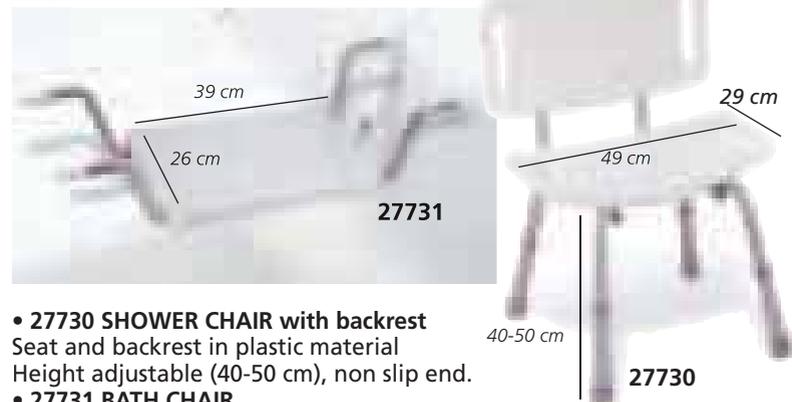
RAISED TOILET SEATS

- **27741 RAISED TOILET SEAT HEIGHT cm 10**
with lateral fixing system. Max load 200 kg.
- **27743 RAISED TOILET SEAT HEIGHT cm 10**
with central fixing system and armrest. Max load 130 kg.



SHOWER AND BATH CHAIRS

- **27730 SHOWER CHAIR with backrest**
Seat and backrest in plastic material. Height adjustable (40-50 cm), non slip end.
- **27731 BATH CHAIR**



SOFT AND RIGID COLLARS

SOFT CERVICAL COLLARS

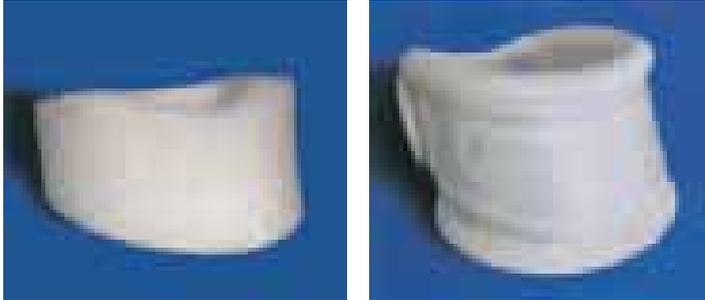
This collar is made of soft expanded polyurethane lined with an anti - allergic 100% cotton fabric. Velcro fixing on the back. Available in 3 sizes.

RIGID CERVICAL COLLARS

Made of polyethylene, with comfortable resting support in vinyl leather and height adjustable. Velcro straps on the back. Available in 3 sizes.

Soft

Rigid



GIMA code	SOFT AND RIGID NECK COLLARS	CE
34600	Rigid cervical collar 32-40 cm (neck circumference)	
34601	Rigid cervical collar 41-46 cm (neck circumference)	
34602	Rigid cervical collar 47-52 cm (neck circumference)	
34610	Soft cervical collar 43 x 8 cm - small (h 7 cm)	
34612	Soft cervical collar 46 x 8 cm - medium (h 8.5 cm)	
34614	Soft cervical collar 49 x 10 cm - large (h 10.5 cm)	

ARM SLINGS



Suitable for supporting a sprained or broken arm during recuperation. The shoulder strap is adjustable to allow a correct positioning of the arm. Stitched from cotton fabric requiring normal laundry care. Fits any arm. Available in 3 sizes.

GIMA code	POUCH ARM SLINGS
28620	Arm sling - small
28621	Arm sling - medium
28622	Arm sling - large

INVALID RINGS



Quality invalid rings made of latex-free rubber.

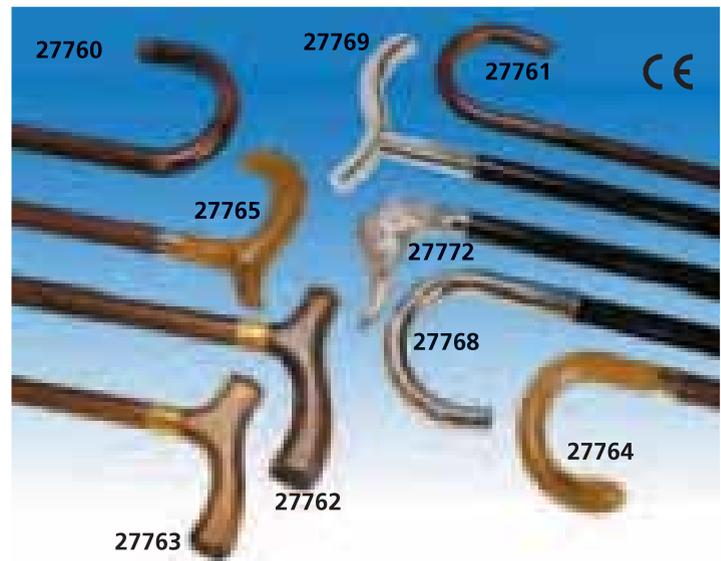
GIMA code	INVALID RINGS LATEX - FREE RUBBER
28610	Invalid ring Ø 35 cm
28611	Invalid ring Ø 40 cm
28612	Invalid ring Ø 45 cm

WALKING STICKS-CRUTCHES



- **27780 ALUMINIUM WALKING STICK-silver**
Adjustable height: 68-90.5 cm - weight 0.3 kg
- **27781 ALUMINIUM WALKING STICK - black**
Adjustable height: 66-90.5 cm - weight 0.3 kg
- **27782 FOLDABLE ALUMINIUM WALKING STICK**
Adjustable height: 82-92 cm - weight 0.3 kg
- **27790 TRIPODS - FOUR LEG**
Aluminium made, height adjustable 72.5-95 cm - 1.1 kg
- **27793 FOREARM CRUTCHES**
Light weight aluminium tube. Anatomic handgrip. Height adjustable 95.5-118.5 cm. Weight 0.95 kg. Max load 130 kg
- **27798 T-BAR CRUTCHES**
Stainless steel type. Adjustable height: 118-130 cm. Max load 130 kg
- **27775 RACKER**
To reach and pick-up any object. Height: 82 cm

QUALITY STICKS MADE IN ITALY



- WOOD STICKS:**
- **27760 GIOTTO CURVED HANDLE - man - brown**
 - **27761 GIOTTO CURVED HANDLE - woman - brown**
 - **27762 RAFFAELLO "T" HANDLE - man - brown**
 - **27763 RAFFAELLO "T" HANDLE - woman - brown**
 - **27764 TIZIANO CURVED HANDLE - unisex - brown**
 - **27765 TIZIANO "T" HANDLE - unisex - brown**
 - **27768 LEONARDO METAL CURVED HANDLE - unisex - black**
 - **27769 LEONARDO METAL "T" HANDLE - unisex - black**
 - **27772 TIEPOLO CHROMED "DUCK" HANDLE - unisex - black**

THERAPEUTIC ANTIDECUBITUS MATTRESSES UP TO LEVEL III

Code 28501



Antidecubitus therapy system for prevention and therapy of decubitus ulcers for low risk patients (Norton classification)

• 28501 EURO BASIC ANTIDECUBITUS SYSTEM
Euro Basic is a 3 way alternating pressure therapy system suitable for low risk patients (Norton scale) with decubitus ulcers up to level II (NPUAP). **Euro Basic** is supplied with an electric compressor and an overlay mattress with 17 individually interchangeable inflatable elements made of PVC-PU; the head elements remain static to improve patients' comfort.
 The mattress can be easily connected to the compressor by the quick connectors and is quickly and safely fixed to the bed using the bed-straps with snap release buckles (supplied).
 The **Euro Basic** compressor incorporates a pressure regulator so that the correct inflation pressure can be set according to the patient's weight. It is designed to support a maximum of 120 Kg.
 The compressor has a visual alarm which indicates any system fault. The simple to operate CPR function ensures rapid deflation of the mattress for cardio pulmonary resuscitation. The mattress cover is breathable cover, waterproof and easily cleaned and can be machine washed up to 60°. System includes pump, overlay and cover.

Code 28500



Prophylaxys and therapy of bedsores up to level II° (NPUAP classification). Low-Medium risk patients (Norton classification)

• 28500 EURO BASIC ANTIDECUBITUS SYSTEM

- Overlay with 17 interchangeable elements, to be put on traditional mattress.
- Washable elements (up to 60° C) made of nylon/polyurethane.
- Bi-elastic cover, flame retardant, antifungine, antibacterial, washable, perspirant and impermeable to liquids.
- CPR (Cardio-Pulmonary Reanimation) function allows the quick deflation of system in case of emergency.
- The three-way pump working at alternating pressure allows pressure regulation according to the patient's body weight, up to 130 kg (up to 200 with a little modification).
- Pump machine is equipped with alarm led.

System includes pump, overlay and cover.

Code 28506

Treatment and prevention of bedsores up to level III° (NPUAP classification). Medium-High risk patients (Norton classification)

Euro Soft Pro is an antidecubitus mattress replacement system with a digitally controlled compressor specifically designed to support patient weight up to 250 Kg.



• 28506 EURO SOFT PRO ANTIDECUBITUS SYSTEM
Mattress replacement system

- 20 individually interchangeable nylon-polyurethane inflatable elements, 18 cm deep
- Static head elements to improve patient's comfort
- Bi-elastic cover: breathable, bacteriostatic, antifungal, waterproof, fire proof, easy to clean, machine washable
- Polyurethane foam base, 5 cm deep, to ensure patient a sufficient support in case of emergencies
- CPR function for an easy and rapid deflation of the mattress (10 seconds)
- Transport facility: the mattress will remain inflated for 10-12 hours in case of power failure or during patient transport
- Inclination sensor to avoid sacral sinking
- Radiotranslucent surface enables examination without moving the patient

Compressor

- 3 way alternating pressure therapy, with static/dynamic function
- Digital control of mattress inflation pressure
- Max. inflation to assist patient ingress/egress and nursing
- Hour counter with alarm, indicating when maintenance is required.
- Audio/visual alarm with mute button, indicating any system fault
- Automatic key pad lock, to avoid any unauthorised changes of settings
- Acoustically insulated to ensure almost silent operation

System includes pump, mattress, cover and inclination sensor.

TECHNICAL SPECIFICATIONS

	28501	28500	28506
Prevention efficacy (Norton scale)	low risk	low-medium risk	medium-high risk
Prevention efficacy (NPUAP scale)	II level	II level	III level
Type of mattress	overlay mat	overlay mat	replacement mat
Mattress size - cm	200x90x13	200x90x13	200x90x23
Mattress weight - kg	7	5	9
Mattress material	PVC - PU	nylon - PU	
Max patient weight - kg	120	200	250
Deflation time (CPR)	10 sec.	10 sec.	10 sec.
Inflation time	25 min.	20 min.	30 min.
Cover material	nylon	polyester fibre with PU	
Power supply	220/230 V - 50 Hz		
Norms	CEI EN 60601-1:1998, CEI EN 60601-1-2:2001		

ANTI-DECUBITUS AIR MATTRESSES TO PREVENT SORES

- 28482 MASTER PUMP SYSTEM - with pressure adjustment
- 28483 KIT MASTER (AIR MATTRESS 28492 + MASTER PUMP 28482)

Made of stiff and strong ABS, it may be placed on the ground, as it has rubber feet, or hung at the edge of the bed. A control handle makes pressure regulation easier: air amount is adjustable to suit patient weight from 40 to 150 kg. The mattress should inflate totally in about 20 minutes. Air output 2.5 l/min. Master pump can be used with bubble or interchangeable section mattress.



Master pressure pump may be placed on the ground or hung at the edge of the bed.



Low noise, long lasting pump made with high quality materials

28482

TECHNICAL SPECIFICATIONS FOR MASTER PUMP - RINT PLUS PUMP	
Size: 330x150x120 mm	Suitable for mattress: bubble or section
Weight: 1.95 Kg	Regulations: IEC-601-1 class II Type B
Operating voltage: 230 V - 50 Hz	Made in Italy
on request 110 V - 60 Hz	User manual in English Spanish, French, Italian, German
Power Consumption: 8 W - CLASS II	
Working pressure: 60-135 mm/Hg	



28492

MADE IN ITALY



28493

Patient Weight	Pressure
50kg - 110 lbs	40 mm/Hg
50-80 kg - 110-176 lbs	70 mm/Hg
80-150 kg - 176-330 lbs	100 mm/Hg

• 28492 AIR MATTRESS WITH BUBBLES

This air mattress is divided in bubble sections which inflate and deflate alternatively latitudinally through the alternative compressor. The continual movement given by the pressure pumped inside is useful to prevent minor bed sore problems.

• 28493 AIR MATTRESS - with interchangeable sections

It has 20 sections which can be inflated or deflated alternatively. Easy and practical to use, it is ideal for patients with minor bed sore problems.

Elements are jointed in-between and fixed to a PVC sheet.

• 28494 INTERCHANGEABLE CELL - spare for 28493

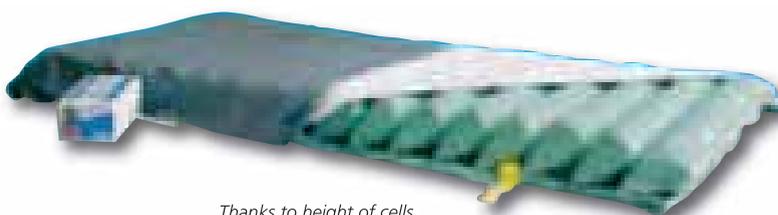
Press studs which attach each section to the supporting sheet allow an easy exchange in case of damage.

TECHNICAL SPECIFICATIONS MATTRESSES				
	28487	28492	28493	28495
Size:	190x85 cm	190x85 cm	190x85 cm	200x90x10.5 cm
Weight:	2.5 Kg	3 Kg	5.2 Kg	5.5 Kg
PVC thickness:	0.3 mm	0.4 mm	0.4 mm	0.4 mm
Number of elements:	-	-	20	17
Suitable for persons up to:	80/90 kg	80/90 kg	100 kg	130 kg

WELFARE KIT LAUNCH OFFER - MINIMUM 10 PCS

- 28489 - PUMP WITH PRESSURE ADJUSTMENT + BUBBLE MATTRESS (28487) Quality, reliable and economic kit with hook, made in Italy.
- 28487 WELFARE BUBBLE MATTRESS - beige

28495



Thanks to height of cells, Rint Plus can be used also with medium risk patients.

• 28495 RINT PLUS AIR MATTRESS - interchangeable cells

Rint Plus Mattress is made of a strong and soft PVC, realized with 17 big interchangeable bars. The integrated CPR function (Cardio Pulmonary Reanimation) allows the immediate emptying of the 17 bars. It is supplied with bi-elastic, liquid proof and permeable to water-steam cover. Made in Italy.

• 28498 RINT PLUS PUMP SYSTEM - with pressure adjustment

Same as Master pump but with special valve for use with Rint Plus Mattress.

• 28496 INTERCHANGEABLE CELL - spare for 28495

• 28497 COVER - spare for 28495

ANTI-DECUBITUS PVC WATER MATTRESS

• 28499 WATER MATTRESS

It is made in PVC with a stabilising inflatable external structure to prevent excessive water "wave motion" and of 3 independent units. The water mattress distributes the total pressure on the whole supporting surface, making this less than the average arterial pressure, avoiding the exposure of the skin to pressure risk. Easy to use, it is placed over the usual mattress and it is washable. It is sold with a manual pump, 2 disinfectants and an inflation tube. Size: 190x85 cm. Weight 4 kg. PVC thickness 0,4 mm

Each water section measures 60x70 cm



28499

PVC rigid edge inflatable with air

ANTI-DECUBITUS CUSHIONS

MADE IN ITALY



28520

PREVENTION FOR LOW DECUBITUS RISK



28522

28524

PREVENTION FOR MEDIUM DECUBITUS RISK



28526

PREVENTION FOR MEDIUM-HIGH DECUBITUS RISK

- **28520 ANTIDECUBITUS GEL CUSHION 40x40x4 cm**
Fluid gel grants a perfect distribution of patient's weight by sensibly decreasing the pressure on capillars and avoiding their eventual occlusion. It also gives a pleasant sense of freshness.
- **28522 VISCOELASTIC CUSHION with hole 40x40x3 cm**
- **28524 VISCOELASTIC CUSHION without hole 40x40x3 cm**
It is composed by a Polyurethane gel layer with high pressure absorbing capacity and by a layer of Polyurethane expanded foam. The two layers are wrapped and protected by a special cover easily removable, with transpirant sitting side and water-proof and anti-slip bottom side. Thanks to the Polyurethane gel the contact pressure decreases and improves the distribution of the same. Cover is made of polyamide threaded with PU,

- water-proof, transpirant to steam, elastic hypoallergenic and washable in washing machine up to 40°.
- **28526 AIR FLOATING CUSHION 40x40x6.5 cm**
- **28528 AIR FLOATING CUSHION 44x44x6.5 cm**
Latex cushion with communicating cells. The particular shape of the air cells allows a perfect body positioning and a correct pressure distribution. The alveolar cells allow an optimal adaptation to human shape increasing perspiration and air circulation thus reducing skin maceration. Particularly suitable for patient with skin wounds, medullary lesions, multiple sclerosis, bifid spine. The device is supplied with an anti-slip cover, a pump for inflation and a reparation kit. Available with single valve.

ELECTRIC HEATING PAD URINE BAGS MADE IN EUROPE



Sold in 4 languages box (English, French, Italian, Spanish)

Size: 38x30 cm

External cover in cotton (94%) and nylon, internal bag in PVC

- **28655 ELECTRIC HEATING PAD**
Suitable for many applications.
- **28656 ELECTRIC "SAND" HEATING PAD**
The use of purified marine sands make it possible to naturally transmit their beneficial warmth. Operating power: 230V-50/60 Hz - 75W (28656) - 55W (28655)



28700

GIMA code	URINE BAGS	Minimum order
28700	Urine bag 2000 cc, tube 90 cm	box of 180
28701	Urine bag 2000 cc, tube 90 cm with non-return/exhaust valve 18 pouches of 10 pcs.	box of 180
28702	Urine bag 2000 cc, tube 130 cm	box of 180
28703	Urine bag 2000 cc, tube 130 cm with non-return/exhaust valve 18 pouches of 10 pcs.	box of 180
28706	Urine leg bag 750 cc, tube 35 cm complete with lacets and buttons 30 pouches of 10 pcs.	box of 300
28710	Men's external catheter Ø 30 mm - latex	box of 30
28715	Biadhesive tape	box of 30

HOT WATER BOTTLE ICE BAG

TRAVELLING ENEMA



28600

- **28600 HOT WATER BOTTLE**
100% made of rubber, latex free blue colour. Two side ribbed. Packed in plastic bag with multilanguage user manual



28605

- **28605 ICE BAG - cap Ø 28 mm**
Made of rubber fabric (cotton/polyester), latex free. Blue colour. Single packed in carton box, with multilingual manual.



28720

- **28720 TRAVELLING ENEMA**
Supplied in carton box with cannula and tubes. Made in Italy.

HOSPITAL BEDS



27601

27841

Ø 100 wheels

BED WITH ADJUSTABLE HEAD SECTION

- 27600 BED WITH 1 ARTICULATION
- 27601 BED WITH 1 ARTICULATION - with wheels

Painted steel frame with net.

1 Pipe frame with net for head movement, 200x85 cm.

2 Heads in chromed pipe complete with MDF bilaminated, coated in Formica panel.

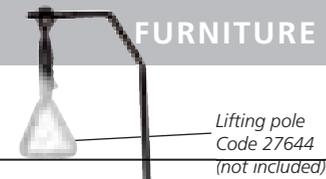
Movement by a crank. Protection of end run.

Rubber wheels of Ø 100 mm, with brakes (only for code 27601)

Size: 206 x 89 x h90 cm. Height of frame from bottom 52/55 cm.

Size of frame: 200 x 85 cm.

Weight 34 kg. Made in Italy



Lifting pole
Code 27644
(not included)



27610 + accessories



27646

Collapsible support
code 27641
(not included)

BED WITH ADJUSTABLE HEAD AND FOOT SECTION

- 27610 BED WITH 3 ARTICULATIONS
- 27611 BED WITH 3 ARTICULATIONS - with wheels

Painted steel frame with net.

3 bed frames with nets in painted steel pipe, 200x85 cm.

2 Heads in chromed pipe complete with MDF bilaminated, coated in Formica panel.

Movement by 2 cranks. Protection of end run.

Rubber wheels of Ø 100 mm, two of which with brake (only 27611)

Size 206 x 89 x h90 cm. Height of frame from bottom 52/55 cm.

Size of frame: 200 x 85 cm.

Weight 41.4 kg. Made in Italy



27605

27608

- 27605 STANDARD BED - no castors
 - 27606 STANDARD BED - Ø 50 mm castors
- Simple bed made of epoxy - coated steel. Head and foot ends with plastic feet. Rigid mesh mattress platform.
- 27607 STANDARD PLUS BED - no castors
 - 27608 STANDARD PLUS BED - Ø 100 mm castors
- Chrome-plated steel bed ends. Laminated plastic panels. Rigid mesh mattress platform. Adjustable back-rest
- Size: 200 x 85 x h 50 cm. Made in Italy.
- 27841 I.V. STAND
- With 5 wheels trolley, height adjustable 160 to 245 cm. See other IV stand at page 55.

GIMA code	ACCESSORIES FOR ALL BEDS
27641	Collapsible supports (for all types of bed)
27644	Lifting pole
27646	4 Hook IV. stand for bed - stainless steel
27647	Inox record holder (for sheets 34x23 cm) with plexiglass

37x25x5 cm
0.700 kg

27647

27696



MATTRESSES, COVERS AND PILLOWS



27682



27680

Flame resistant
Size of section 63x85x14 cm

Special structure provides good air ventilation for better perspiration of patient skin.

27697

Omogeneous and optimal distribution of patient weight

27698

MATTRESS, COVERS AND PILLOW	Size 190x80x12	Size 195x85x14
Mattress foam density 30 kg/mc with Trevira® fire-retardant, transpirant, polyester cover. Validation RE1535D20D1 IM00002	-	27682
Mattress - foam density 30 kg/mc	27690	27680
Trevira® transpirant, polyester, fire-proof (class 1) cover for mattress	27691	27681
100% cotton cover for mattress	27693	27683
Waterproof cover - universal	27695	
Pillow (foam density 21 kg/mc) with Trevira® fire-retardant, transpirant, polyester cover	27696	
ANTIDECUBITUS MATTRESS AND COVER	Size 190x85x14	
Antidecubitus expanded polyurethane mattress (density 30kg/mc) - class 1 IM	27697	
Cover Plus bielastic, flame retardant (norms BS7175: 1989), transpirant to steam, waterproof.	27698	

PATIENT BEDS WITH 1 OR 3 JOINTS, MANUAL OR ELECTRIC



27657

- 27652 1 JOINT BED - 1 crank - feet
- 27653 1 JOINT BED - 1 crank - castors
- 27656 3 JOINTS BED - 2 cranks - feet
- 27657 3 JOINTS BED - 2 cranks - castors
- All welded main frame constructed from rectangular steel frame.
- Bed ends made in epoxy glass finish steel tube
- 1 joint/2 sections or 3 joints/4 sections
- manual movement by 1 or 2 cranks with retractable handles
- legs fitted with rubber/steel castors with independent brake, 3 of which revolving and 1 directional or plastic feet.



27660

- 27658 3 JOINTS BED - 2 cranks - variable height - castors
- 27659 3 JOINTS BED - electric - castors
- 27660 3 JOINTS BED - electric - variable height - castors
- 3 joints/4 sections beds adjustable by means of 2 independent cranks (27658) or electric motor 24 V DC and push button
- height adjustable by hydraulic foot pump (27658) or electric motor (27659/60)

Legs and other features as 27652



27652



27659

GIMA code	ACCESSORIES FOR PATIENTS BEDS
27663	Collapsible support - couple
27664	Universal "telescopic" bed side rails - couple
27667	Infusion pole with universal clamp
27668	Lifting pole



Collapsible support

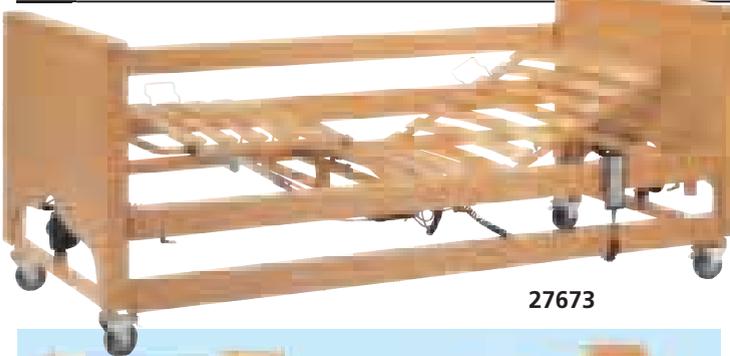
Infusion pole and lifting pole

Telescopic bed side rails

TECHNICAL SPECIFICATIONS

	27652/3	27656/7	27658	27659	27660
Size of platform:	900x2000 mm				
Platform height mm:	500	500	400/800	500	400/800
Height of bed ends mm:	950				
External measurement:	920x2070 mm				
Movement:	1 crank	2 cranks	2 cranks	electric	electric

SPECIALIST BED 3-JOINTS/4 SECTIONS, ELECTRICAL, ADJUST. HEIGHT



27673

- 27673 SPECIALISTIC BED with Trendelenburg
- Three-joints, four sections bed with adjustable height from 40 to 80 cm with full electrical movements. All welded mainframe made of rectangular steel tube 50x25x2 mm.
- Mattress platform with flexible wooden staves, complete with mattress-hold guides.
- Backrest-section and leg-section adjustable by means of two independent electric motors 24V D.C. and push-button.
- Foot-section adjustable by means of a rack device.
- Fixed pelvis-section. Removable head and foot-end frames made of natural beech finish wood with solid corners and edges. Comes complete with 2 vertical sliding bars with upper/lower lock/unlock keys and lifting pole. Legs fitted with 4 castors Ø 100 mm with independent central brake.
- 27674 INFUSION POLE

TECHNICAL SPECIFICATIONS

Size of platform:	900 x 2,000 mm
Platform height:	400-800 mm
External measurement:	1,030 x 2,140 mm
Height of bed end from mattress platform:	50 mm



Height adjustment of platform from ground from 40 to 80 cm



Possibility of Trendelenburg (12°) and reverse-Trendelenburg (12°) movements

BEDSIDE TABLES

BEDSIDE TABLES WITH DRAWER AND DOOR

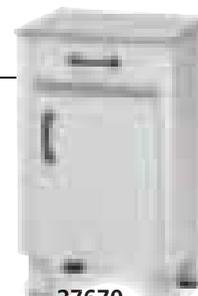
Manufactured from high density chipboard panels, borders made of solid wood (27677) or polish sheet steel structure epoxy glass finish 200°. With drawer, door, removable inner shelf and anti-trauma handles.

- 27677 BEDSIDE TABLE - wood - feet
- 27670 BEDSIDE TABLE - feet
- 27671 BEDSIDE TABLE - castors Ø 50 mm with lateral bottle holder, overbed table.



27677

Size: 45 x 45 x h75 cm



27670

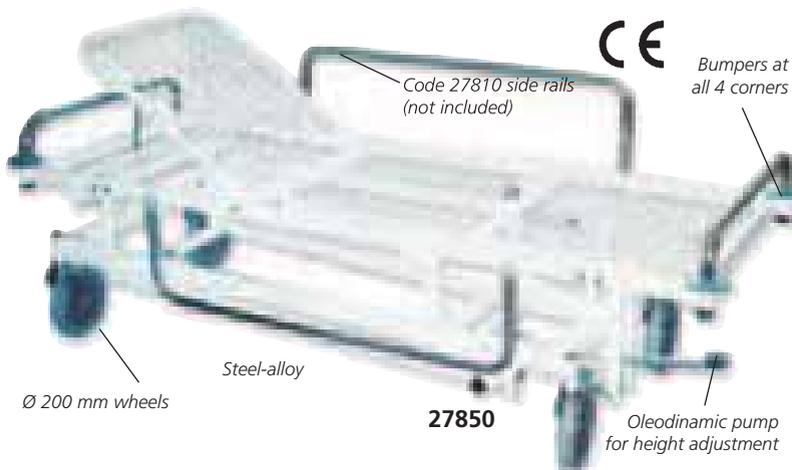
Size: 45 x 38 x h76 cm



27671

Size: 62 x 42 x h95/115 cm

TRENDELENBURG PATIENT TROLLEY - STRETCHER



- **27850 TRENDELENBURG TROLLEY**
Made of steel-alloy, oven painted ral 9010, with chrome plated handles.
Adjustable height from 40 to 70 cm, with oleodinamic pump. Trendelenburg up to 9°.
Anti-Trendelenburg up to 14° (with gas pump).
Plastic bumpers at four corners.
4 wheels of Ø 200 mm (2 with brake).
Size: 65x184 (internal) x h 50-70 cm.

GIMA code	ACCESSORIES
27810	Side rails (couple)
27853	I. V. Stands
27854	Oxygen bottle holder
27855	Mattress - black sky 3 cm thick in flame retardant material - 188 x 64 x 3 cm

PATIENT TROLLEYS - STRETCHERS



- **27800 PATIENT TROLLEY**
- **27801 PATIENT TROLLEY - removable top**
Made of chrome plated steel tube, and washable self extinguishing plastic material. Comes complete with mattress. Mounted on 4 castors Ø 100 mm two of which with brakes. Size: 180 x 54 x h 80 cm. Made in Italy.

GIMA code	PATIENT TROLLEY ACCESSORIES - not included
27810	Side rails (couple)
27811	I. V. Stands
27812	Steel basket
27813	Oxygen bottle holder

PROFESSIONAL WARD STRETCHER



- **27819 WARD STRETCHER**
Main features:
- **Platform:** all-welded mainframe made of different sections steel tube. Section frame made of oval steel tube 50 x 25 x 1.5 mm.
- **Push/Pull handle:** Made in steel tube Ø 32 x 1.5 mm.
- **Surface finish:** Epoxy gloss finish standard grey 7035
- **Mattress platform section:** Two section mattress platform fitted with removable chrome-plated grids made of 5 mm. Ø steel rods and rectangular mesh 100 x 50 mm.
- **Backrest:** Adjustable by means of a rack device. Fixed leg section.
- **Castors** - Four castors Ø 200 mm made of grey synthetic rubber two of which with independent brake.
- **Bumpers:** Four bumpers at the corners made of anti-acid and anti-shock grey resin.
- **Delivery stretcher with trolley:** If necessary the upper part is detachable to enter ambulance or other use.
Made in Italy.



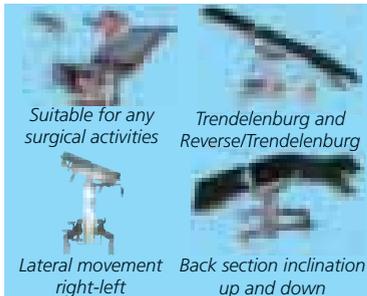
GIMA code	WARD STRETCHER ACCESSORIES
27821	Side rails (couple) with automatic locking device
27822	I. V. Stand with two hooks
27823	Basket - chrome plated steel
27824	Oxygen bottle holder - chrome plated steel
27825	Fireproof simulated leather mattress - class I - 182 x 64 x 4 cm

MECHANICAL AND SEMI AUTOMATIC OPERATING TABLES

90% RADIOTRANSparency ON TOP

100% STAINLESS STEEL

COMPLETE MOVEMENTS



STAINLESS STEEL, RADIOSURGICAL OPERATING TABLES

Designed to satisfy surgical functionality, practicality, quickness and easy maintenance. They allow, with proper accessories, to satisfy every basic surgical activity

- Table top

Divided in 5 sections (head, back, pelvis, 2 independent leg sections) with stainless steel structure and plexiglass to allow x-ray permeability and easy cleaning.

Table top is pre-arranged for the insertion of x-rays holders all over its length. Accessories holder (25x10 mm) in stainless steel, covers table top length on both sides.

- Telescopic column

Square and of limited size, covered by anodized aluminium (27560) or stainless steel (27562/4/5/6)), it allows up and down movement (approx. 70-100 cm) by a foot pedal placed at the base through a closed oleodynamic circuit with oil-tight pump avoiding any oil leakage (27560/2/4) or by remote control (27565/6).

- Mattresses

They cover all the table top length, made in a long lasting material, sterilizable in autoclave, x-ray translucent and elastics. They are independently removable.

- Base

For Solaris, it is moveable by four large antistatic castors, 2 directional and 2 pivoting with brake. For Gima and Gima TR

(mechanical and semi-automatic) base is completely made of stainless steel to ensure perfect stability. It is provided with a locking system to the floor through a foot bar. Transport is allowed by 3 antistatic wheels, one pivoting and 2 directional.

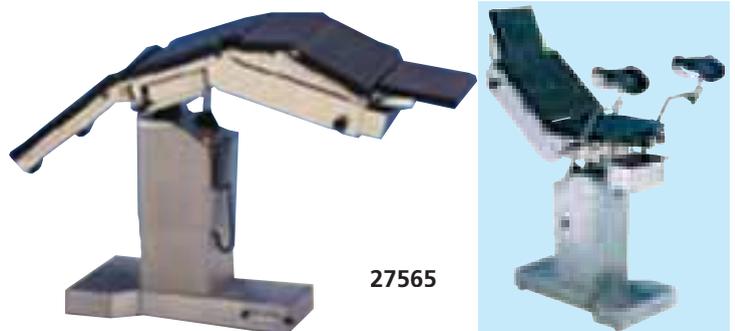
- Movements

For Solaris: Trendelenburg and Reverse/Trendelenburg with a "quick hydraulic action" and lateral tilt right-left 20° by crank. For Gima and Gima TR same table movements as above, work through a mechanical system moved by two cranks, positioned at the side, easily retractable, for semiautomatic by remote control.

- Longitudinal translation

Both Gima TR models offer manual longitudinal translation of table top of about 300 mm to allow total elimination of column encumbrance for 100% transparency of top.

- Full range of accessories. All tables come with mattress included, semiautomatic also includes control (with 1 m cable) batteries and crank for emergency of engine.



GIMA code	OPERATING TABLES
27560	Solaris operating table - mechanical
27562	Gima operating table - mechanical
27564	Gima TR operating table with longitudinal translation of table top - 100% radiotransparency
27565	Gima operating table - semiautomatic
27566	Gima TR operating table - semiautomatic with longitudinal translation of table top - 100% radiotransparency

ACCESSORIES FOR ALL OPERATING TABLES - 100% stainless steel

27568	Wristlet with clamp - couple
27569	Rectangular s/s gynaecological basin - 200x320x150 mm
27570	Two-hook adjustable IV stand (needs clamp 27571)
27571	Clamp for IV stand
27572	Arm holder adjustable with cushion and clamp
27573	Drape support with adjustable height (needs 2 clamps 27576)
27576	Clamp for drape support
27574	Leg holder with radio transparent valve and cushion - couple (needs clamp 27575)
27575	Clamp for leg holder

ACCESSORIES FOR SEMIAUTOMATIC TABLES

27558	Infrared control
27559	Battery charger

	TECHNICAL SPECIFICATIONS		
	27560	27562-27564	27565-27566
Table top size	200x48 cm	200x48 cm	200x48 cm
Height	70-100 cm	75-105 cm	75-105 cm
Lifting system	Mechanical	Mechanical	Electric
- Trendelenburg	30°	35°	35°
- Reverse Trendelenburg	30°	25°	25°
- Lateral tilt right-left	20°	25°	25°
Table top composition	extractable and inclinable (+25° -90°)		
- Head section	by gas spring		
- Back section inclination	-40° +80°	-20° +80°	-20° +80°
	by gas spring	by gas spring	mechanical
- Pelvis section size	size 48x51 cm		
- Leg section	size 48x49 cm		
	divided in two independent sections with following manual movements		
	• opening right/left of 0°/90°		
	• inclination +30° -90°		
	• both parts are easily independently extractable		
Table weight:	90 kg	160 kg	160 kg
Operating table capacity:	200 kg	250 kg	250 kg
Made in Italy			

OPERATING ROOM INOX CABINETS

PAINTED STEEL CAB



27917

• **27917 INOX CABINET**
 Made of AISI 304 stainless steel.
 Two lockable doors (10/10 thickness),
 4 adjustable shelves (8/10 stainless),
 4 adjustable feet, with stainless steel
 cover.
 Size: 100x48xh190 cm. Made in Italy



27918

• **27918 GLASS-INOX CABINET**
 Made of AISI 304 stainless steel with
 two lockable doors in tempered glass 5
 mm thick, 4 shelves in tempered glass 6
 mm thick and 4 adjustable feet.
 Size: 100x48xh190 cm. Made in Italy



27916

• **27916 PAINTED STEEL CABINET**
 Epossidic powder painted
 steel cabinet with 4 adjustable
 shelves, lockable doors,
 4 adjustable feet.
 Size: 100x50x h 200 cm.
 Made in Italy



OPERATING ROOM INSTRUMENT TABLES

ANAESTHETIC TROLLEY



27913

• **27913 INSTRUMENT TABLE 2 SHELVES**
 Operating room instruments table with
 tubular aluminium structure with 2,
 120x65/64 cm shelves in satinated AISI
 304 Stainless steel.
 80 mm Ø revolving castors.
 Weight 30 kg. Size 120x65xh88 cm.
 Delivered in kit form.
 Made in Italy



27914

• **27914 INSTRUMENT TABLE 1 SHELF**
 Operating room instruments table with
 tubular aluminium structure with 1,
 120x65 cm shelf in satinated AISI 304
 Stainless steel upper part fitted with 4
 instrument hooks.
 80 mm Ø revolving castors.
 Weight 21 kg. Size 120x65xh88 cm.
 Delivered in kit form.
 Made in Italy



27437

• **27437 ANAESTHETICS TROLLEY**
 Made of satinated AISI 304 stainless steel,
 with 6 drawers (internal 26x37xh7 cm),
 a lockable vertical compartment and an
 open space.
 Top with 3.5 cm upstand.
 4 revolving castors Ø 80 mm
 Size: 60x40x h 110 cm
 Weight: 41 kg
 Made in Italy

1 OR 3 ENGINES GYNAECOLOGICAL CHAIRS AND STOOLS



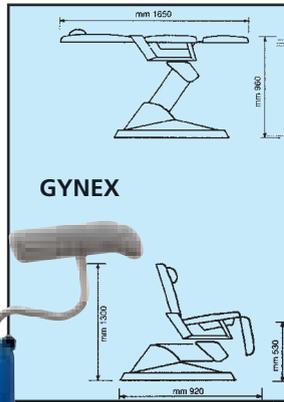
GYNEX

Back-rest can be adjusted through 180° by a gas spring

27523

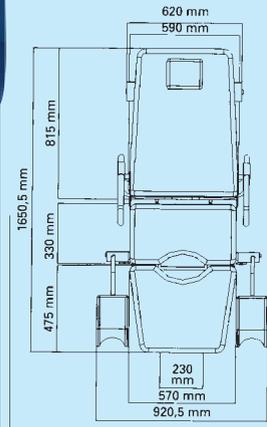
"Linak" top quality engine inside

Lifting capacity 180 kg



GYNEX

GYNEX PROFESSIONAL



GYNEX PROFESSIONAL with 3 engines



27515

GYNEX PROFESSIONAL - GYNAECOLOGICAL CHAIR

Gynex professional chair offers functionality, aesthetics, ergonomics. It can satisfy all patient and user needs for to a professional gynaecologic visit. Gynex professional is provided with versatile accessories: back paper-roll dispenser, metal basin, chromed handles, leg-supports. With 3 engines allows, in addition to lifting, electric back-rest and leg-rest movements. Thanks to the combined movement of backrest and seat by means of self-balancing system (operated by 2 silent low tension actuators of 1,000 N each one). Gynex Professional grants maximum comfort to the patient. The padded and pelted arm-rests allow a relaxing protecting sitting position, arm-rest are individually revolving and removable. Backrest is provided with removable height-adjustable head-rest. The wide and soft backrest has independent adjustment movement through silent low tension actuators (1,000 N each one). This chair is moved by a silent low tension engine which allows a vertical excursion of 40 cm from zero position. The electrical drives are controlled by an ergonomic double switch control, connected to the chair by a cable. Gynex professional can be easily transformed into an examination bed (horizontal position).

GYNEX - GYNAECOLOGICAL CHAIR
 GYNEX: a chair offering a unique combination of functional, aesthetic and working characteristic. Thanks to its self-balancing seat and back-rest, GYNEX can be adjusted to any build for the greatest patient comfort. The chair is provided with an electromechanical lifting device, having a secondary power supply at 24V. The electric actuators enable the rising and descent from 57 cm off the floor ("0" position) up to a maximum of 96 cm. The back-rest is supplied with adjustable head-rest and paper roll holder (excluding 27520). The leg-rest can be independently adjusted and it has an automatic-locking device. The chair can be flattened to a bed position for examination activity, the arm-rest can be removed and independently oriented. The electric control of the chair for upright position is operated by means of a foot pedal. Operating power 230V-50Hz (available on request 110 V-60Hz). Made in Italy.

• **27529 PAPER ROLL HOLDER**

	STANDARD ACCESSORIES	
	GYNEX	GINEX PROFESSIONAL
Poliuretane leg-rest	•	
Padded leg-rest (colour coordinated)	•	•
Paper-roll holder*	•	•
Metal basin		•
Remote control		•

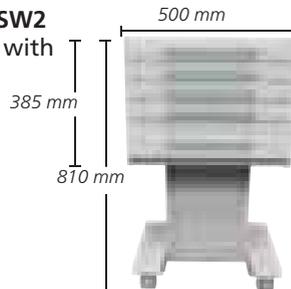
* Not included with 27520

TECHNICAL SPECIFICATIONS

	GYNEX	GYNEX PROFESSIONAL
Power supply tension:	230-50 Hz	230-50 Hz
Motor tension:	24 V	24 V
Lifting motor push:	4,000 N	4,000 N
Backrest motor push:	800 N	2,000 N
Largest motor push:	-	2,000 N
Lifting capacity:	180 kg	180 kg
Maxium power:	90 VA	90 VA
Fuser protection:	1.6 A	1.6 A

• **27518 WORK STATION SW2**

- Steel structure, painted with epossidic powder
 - 4 antistatic pivoting wheels
 Made in Italy.



STOOL - with or without ring

For professional use, completely built in stainless steel, 360° pivoting self-breaking castors, rubber-tyred. Height can be comfortably adjusted by means of a gas pump; back-rest is 180° revolving and depth-adjustable. Seat is balanced density padded and Peltex-lined. Made in Italy.

27532



Minimum/maximum height: 530/660 mm.

27528

GINEX CHAIRS, STOOLS AND WORKSTATIONS

	Light blue Buenos Aires	Green Vancouver	Blue Chicago	Orange Amsterdam	Metal Apricot	Metal Sea blue	White	White Helsinki	Gray Stuttgart	Green Marbella	Blue New York	Yellow Dubai	Green Panama	Metal Lemon	Metal Sky Blue	
Ginex professional	← 27512** →		27513	27512**	27515	← 27512** →										
Ginex	27521	27522	27523	27524	27525	27526	← 27520** →									
Stool with ring	27531	27532	27533	27534	27535	27536	← 27530** →									
Stool without ring	← 27528 →															
Workstation	← 27517** →			27519	← 27517** →			27518	← 27517** →							

**Available in 60 days, specify colour with order

Paper roll holder not included with 27520

GYNAECOLOGICAL AND DELIVERY BEDS



Standard leg holders



Quality leg holders



- **27500 DELUXE GYN BED - quality leg holders**
 - **27501 GYNAECOLOGY BED - standard leg holders**
- Strong structure in chrome-plated. Rectangular steel tube. Adjustable head and leg sections. Simulated leather, black colour, washable upholstery, self extinguishing. Complete with s/s bowl Ø 30 cm and leg holders. Made in Italy.

- **27510 DELUXE DELIVERY BED - quality leg holders**
- Same as 27500, but with three sections with independent controls and Trendelenburg position.
- **27503 STANDARD LEG HOLDERS - couple**
 - **27504 QUALITY LEG HOLDERS - couple**
- Kit leg holders include 2 leg holders and arms.
- **27418 COUCH ROLL HOLDER**

3- SECTION MULTIFUNCTIONAL AND GYNAECOLOGICAL BEDS



- **27502 3-SECTION MULTIFUNCTIONAL BED - blue**
 - **27505 3-SECTION GYNAECOLOGICAL BED - blue**
- Strong and stylish structure in oval tube 50x25 mm, painted with epossidic powder, metallic gray colour. The three sections top has high density padding, covered with washable, fire proof, leatherette material Class 1 IM. Back-rest and leg-rest section are fully adjustable by self mechanical sytem. Gynaecological bed is supplied with 2 foam leg holders and stainless steel bowl Ø 32 cm. Maximum load: 130 kg - Weight: 36 kg. Delivered in kit form.



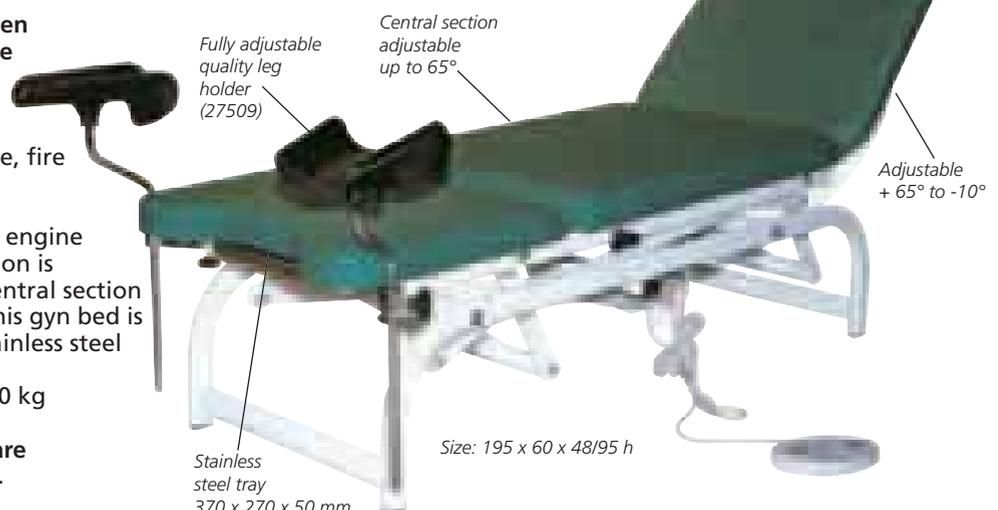
Made in Italy.

- **27508 STANDARD LEG HOLDER - couple - spare**
- Kit leg holder include 2 leg holder and arms.
- **27511 COUCH ROLL HOLDER for 27502-5**
 - **27919 DESK with 2 drawers - 130x71x80h cm**
- Strong structure in oval tube 40x20 painted with epossidic powder, metal gray colour. White work top with rubber edge and round corner.
- **27979 FOOT STOOL - 2 steps**

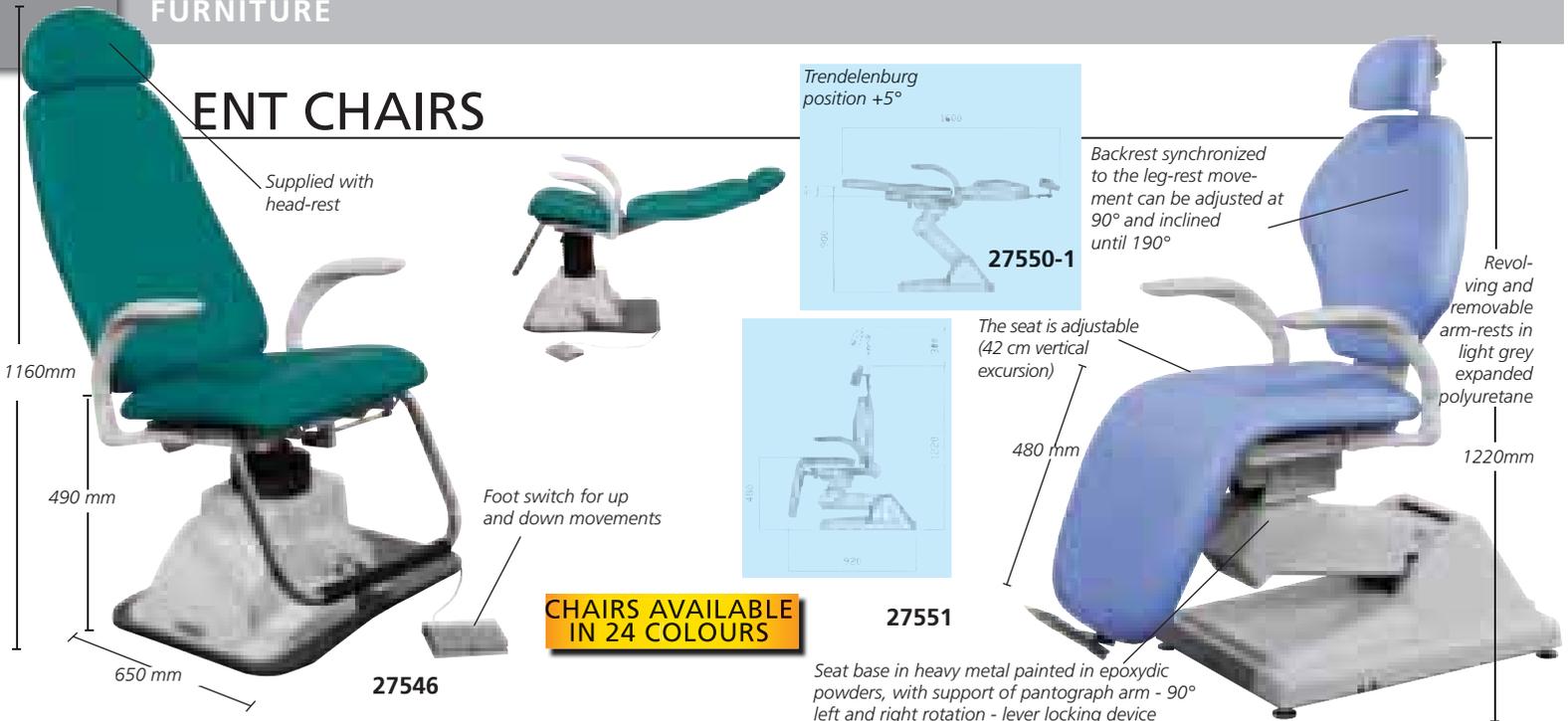


HEIGHT ADJUSTABLE GYNAECOLOGICAL BED

- **27506 HEIGHT ADJUSTABLE GYN BED - green**
 - **27507 HEIGHT ADJUSTABLE GYN BED - blue**
- Strong and solid structure in oval tube 50x25x2 mm painted with epossidic powder, white colour. The three sections top has high density padding, covered with washable, fire proof, leatherette material class 1 IM.
- Full adjustable**
- Height, up to 95 cm, is adjustable by electric engine (6000 N power) with foot control, head section is adjusted by a gas cylinder (400 N power), central section by a gas cylinder (600 N power) up to 65°. This gyn bed is supplied with 2 quality foam leg holders, stainless steel tray and couch roll holder.
- Maximum load: 130 kg Weight: 70 kg
- Delivered in kit form. Made in Italy.
- **27509 QUALITY LEG HOLDER - couple - spare**
- Kit leg holder include 2 leg holder and arms. Suitable for 27505-27506-27507.



ENT CHAIRS

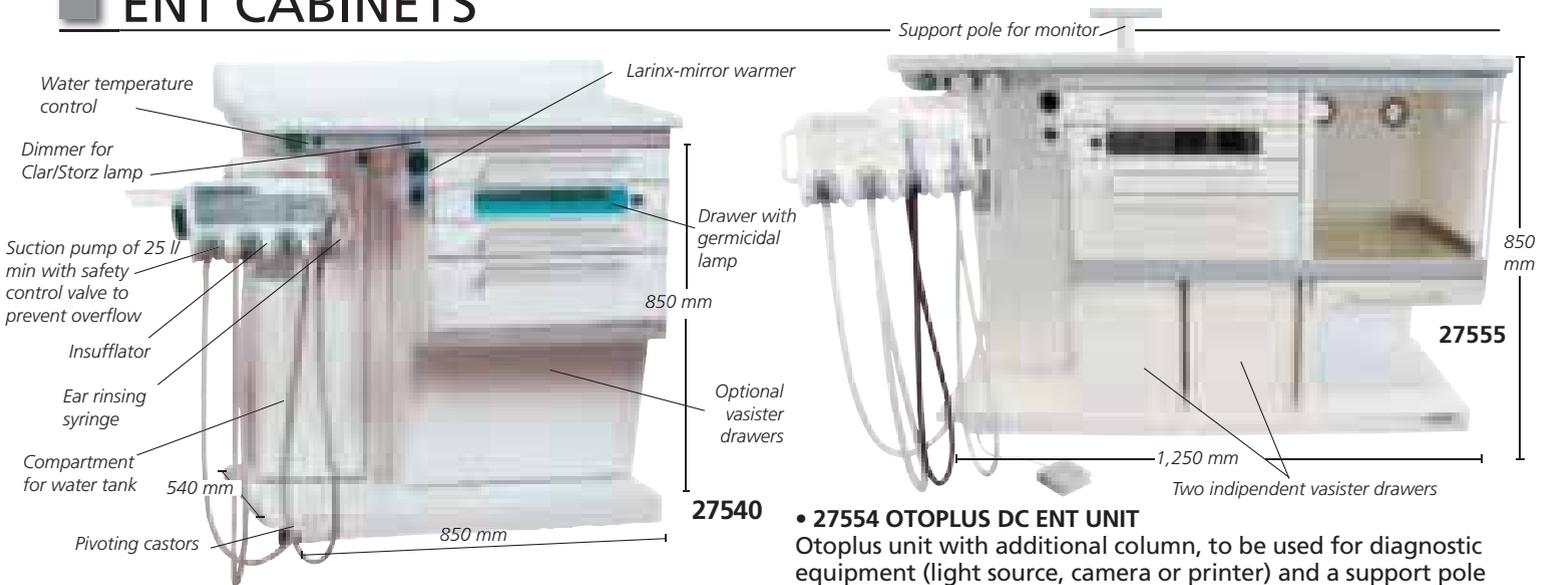


CHAIRS AVAILABLE IN 24 COLOURS

- **27545 OTO/PV ENT CHAIR with head support - colour on request**
 - **27546 OTO/PV ENT CHAIR with head support - green Marbella**
- Patient chair with Peltex-lined seat and backrest. Electric up and down movements by silent engine controlled through foot switch. Back-rest can be adjusted up to 180° by a gas spring. Chair rotates 360° and is provided with a rotation locking device placed at the bottom. Power: 230V-50Hz (Available 110V-60 Hz). Made in Italy.

- **27550 OTOPEX ENT CHAIR - colour on request**
 - **27551 OTOPEX ENT CHAIR - blue chicago**
- ENT chair designed also for ambulatory operations. Moved by very silent electrical engines operated by joystick foot. Also provided with button to re-set to previously selected working position. Upholstery made of simulated leather, high density undeformable foam padding (50 Kg/cm³). Seat and leg-rest are joined in a single piece. Power: 230V-50Hz (Available 110V-60 Hz). Made in Italy.

ENT CABINETS



- **27540 OTOPLUS - ENT UNIT**
- The E.N.T. unit has rubber pivoting castors, a working surface made of scratch-proof rolled sections, 2 small and one large drawers provided of removable internal partitions, one drawer with inside germicidal lamps to keep instrument sterilization. Otoplus is provided with a silent suction pump of 25 l/min (34 l/min on request), with power supply complete with dim adjustment device for Clar/Storz lamp, larynx-mirror warmer, twin-cylinder dry compressor for tubal insufflation, 5-litres distilled water tank with acoustic signal for reserve level. The articulated arm with instrument holding tray is complete with terminal suction cannula, with its accessories, ear rinsing syringe with automatic water temperature control, (a microprocessor keeps temperature at a constant level of 37° C) and terminal insufflation cannula. Power 230 V-50Hz (Available 110V/60Hz). Made in Italy.
 - **27539 OTOPLUS COMPLETE**

Same as code 27540 with included vasister drawers (code 27541) and endoscope support (code 27543).

- **27554 OTOPLUS DC ENT UNIT**
- Otoplus unit with additional column, to be used for diagnostic equipment (light source, camera or printer) and a support pole for monitor.
 - **27555 OTOPLUS DC ENT UNIT - complete**

Same as code 27554 with included vasisters drawers (code 27541) and endoscope support (code 27543)
 - **27541 VASISTER DRAWERS - 2 independent drawers**
 - **27543 ENDOSCOPE SUPPORT - 2 transparent plastic tubes**

Two tubes 50 cm long, one is opened at both extremities, the other is closed at the bottom and can be used for cold sterilization.
 - **27542 SYRINGE MEDICATION KIT** composed of 2 atomizers (for liquid and powder) and 3 ampoules in dark glass.
 - **27544 LED LIGHT SOURCE**

Makes cold white light (5500°K, 180 lumen) for endoscopy use. It can be connected to endoscopes without necessity of F.O. cable.



27544

EXAMINATION AND TREATMENT TABLE - HIGH LOAD

- 27577 STANDARD TREATMENT TABLE - any colour**
- 27578 STANDARD TREATMENT TABLE - blue*
- 27581 LARGE TREATMENT TABLE - any colour**
- 27582 LARGE TREATMENT TABLE - blue*

High-density foam padding.
Superior cover finish made of high-quality fire-retardant imitation leather. The vinyl is specially resistant to disinfectants, urine, and blood.

New design examination and treatment table with one movable section and manual adjustment. Solid detachable metal structure painted with scratch-proof, non corrosive epoxy powder.

The section trim facilitates reaching the patient. The head section has an extended mouthnose hole.

Load 200 kg
Made in Italy

* usually in stock
** available in 15 days



27577

AVAILABLE IN 8 COLORS



27582

WIDTH 80CM

MAX LOAD - 200 KG



ELECTRIC OR HYDRAULIC HEIGHT-ADJUSTABLE TABLES



27586

AVAILABLE IN 8 COLORS



Accessibility. The laterally open frame permit the access with patient lifting system or trolleys for electrotherapy equipment up to 26 of encumbrance.

The padding is in high-density foam covered with high quality fire retardant vinyl



27587

Sturdy frame with all moving parts having self-lubricating components to avoid early wear and noise



Wheels set

- 27585 PARIS TABLE - any colour (available in 15 days)
 - 27586 PARIS TABLE - blue (usually in stock)
- Examination and treatment table. Height adjustable electrically by a foot-switch (low tension 24 V). Bed with one mobile section, manually adjustable head-section (with mouth-nose hole) and fixed leg-section. Lifting capacity 150 kg. Length 195 cm. Made in Italy.

BRUXELLES TABLES - electric or hydraulic
Examination and treatment table with high stability. Electric height adjustment by a foot-switch (low tension 24 V) or manual by hydraulic piston. Features: one mobile section, gas-spring supported adjustment of the head-section (with mouth-nose hole) and fixed leg-section. The large head-section can be adjusted positively and negatively and serves as back-rest. Lifting capacity 180 kg. Made in Italy.

TRENDELENBURG

WIDTH 80 CM



27597



27595



Hydraulic version

- 27597 MADRID TRENDELENBURG TABLE - electric - any colour
 - 27598 MADRID TRENDELENBURG TABLE - hydraulic - any colour
- Examination and treatment tables with electric height adjustment by a foot switch (low tension 24 V) or hydraulic height adjustment by a piston. Features: three mobile sections, gas spring supported adjustment of the head section (with mouth-nose hole) and the other two sections. The table can easily assume the "flexion", "relax" and "trendelenburg" position even if the patient is lying on the table. The large head-section can be adjusted positively and negatively and function as back-rest. Lifting capacity 180 kg.

BRUXELLES TABLES	Standard 68 cm	Large 80 cm
Electric - any colour**	27587	27595
Electric - blue*	27588	
Hydraulic - any colour**	27589	27596

*usually in stock **available in 15 days

GIMA code	ACCESSORIES FOR ALL TABLES
27590	Couch roll holder
27591	Wheels set (excluding 27585-6)
27592	Mouth-nose hole plug - any colour
27593	Mouth-nose hole plug - blue

MECHANICAL AND ELECTRIC CHAIRS



28000

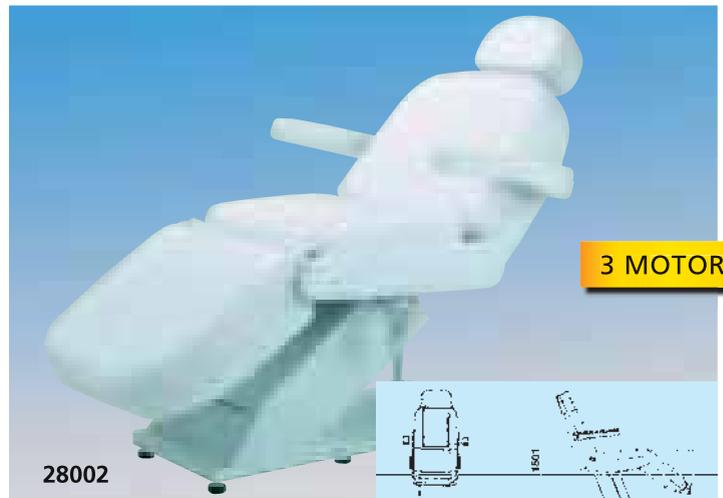
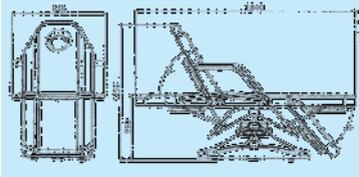
Height adjustable stool

• **28000 LUXOR CHAIR - mechanical**

Chair can move up and down. Backrest and footrest are adjustable.

Size: 185x84x h 60/125

• **27959 STOOL - seat ø 30 cm**



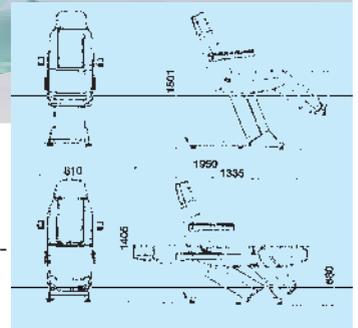
28002

3 MOTORS

• **28002 LUXOR D3 ELECTRONIC CHAIR - 3 motors**

Electrically controlled chair to adjust separately backrest, seat and footrest. Armrest and headrest are flexible.

Size: 195 x 81 x h 68/86 cm.



EXAMINATION COUCHES AND FOOT STOOLS

- **27401 EXAMINATION COUCH - chromed - black mattress**
- **27402 EXAMINATION COUCH - white painted - grey mattress**

Suitable for medical office or small surgeries. Easy to assemble, following enclosed instructions. Comes complete with mattress.

Upholstery in two sections:

one 130 x 61 x h 5.5 cm fixed

and a 50 x 61 x h 5.5 cm backrest

adjustable through different positions.

Delivered in kit form.

Made in Italy.

Universal couch roll holder (code 27418, not included)

• **27418 COUCH ROLL HOLDER**

Adjustable roll holder suitable for round (Ø27-30 mm) or square (27-30 mm x 27-30 mm) metal couch leg.

- **27980 FOOT-STOOL - one step - chromed**
- **27981 FOOT-STOOL - two steps - painted**

Mounting frame with tubular frame and plastic foot board. Load 90 kg.

Non slipping platform 40 x 20 x 1.5 cm.

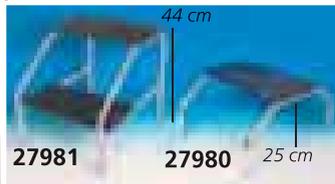
Made in Italy

• **27979 FOOT-STOOL - two steps**

Structure in oval tube 30 x 15 painted with epossidic powder. Non slipping platform.

Size:

44 x 40 x 22/45 h cm



27981

27980

25 cm



Couch size 180 x 61 x h 75 cm

27401

27402

Backrest adjustable through different positions

Simulated leather, black/grey colour washable upholstery in two sections



- **27404 CLASSIC EXAMINATION COUCH - beige - chromed**
- **27405 CLASSIC EXAMINATION COUCH - blue**

Backrest with hole - chromed

Chromed mainframe and legs constructed in chrome-plated steel.

Legs fitted with plastic feet. The two-section top has resilient foam padding covered with washable and fire-proof plastic material. Backrest fully adjustable.

Available in cream or blue colour.

Other colours on request, minimum 10 pieces.

Size: 180 x 57 x h 73 cm.

Delivered in kit form. Made in Italy.



27405

27404



WOODEN COUCHES

- **27416 WOODEN EXAMINATION COUCH**
- **27417 WOODEN EXAMINATION COUCH - with face hole**
Comfortable couches, ideal for physical therapy, cardiology and wellness centres. Superior quality beech wood from the Black Forest. Back rest adjustable in 13 positions. Resilient foam padding covered with washable and fire-proof weave. Available in cream colour. Size: 190 x 70 x h70 cm. Delivered in kit form. Easy assembly, tool provided. Made in Italy.
- **27409 COUCH ROLL HOLDER** for 27416 and 27417 for 27416 and 27417

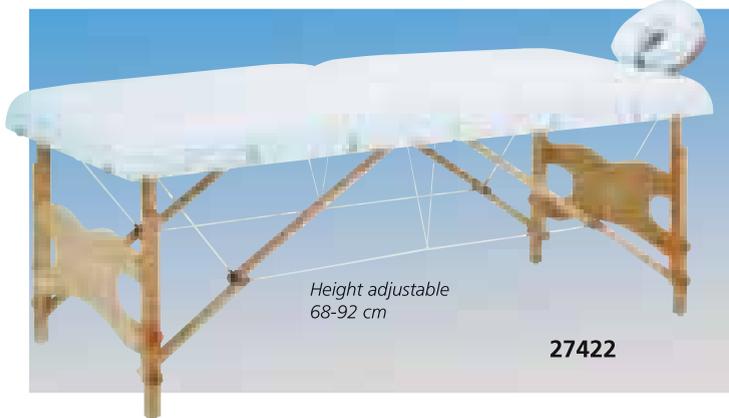


27416

27417+27409

Mouth nose hole plug included

WOODEN MASSAGE COUCH



Height adjustable
68-92 cm

27422

- **27422 DUBAI WOODEN MASSAGE COUCH**
Portable wood bed with adjustable legs and flexible head rest. It can be folded in suitcase size for easy portability. Size: 185 x 75 x h 68/92 cm. Weight 20 kg.

ALUMINIUM MASSAGE BED



Adjustable leg

27423

- **27423 PANAMA ALUMINIUM MASSAGE COUCH**
Portable aluminium massage bed with adjustable height, back rest and flexible head rest. Upholstered and covered with simulated leather. It can be folded in suitcase size for easy portability. Size: 185 x 63 x h 69/85 cm. Weight 15 kg.

SUITCASE COUCH

- **27419 SUITCASE COUCH - white**
Foldable, 2 sections suitcase couch with aluminium frame. Upholstered covering in simulated leather.



27419

Size 182x62x h 70/1050 cm
Weight 19 kg.

MASSAGE CHAIR

- **27420 MASSAGE CHAIR**
Portable multifunctional massage chair



27420

SUITCASE COUCH

- **27407 SUITCASE COUCH**
Chromed steel and folding legs. Upholstered covering in washable material. Resin padded. Available in black colour. Weight 19 kg. - Max load: 95 kg
Supplied with a velvet bag for easy transport. Made in Italy.



27407

Couch size:
185 x 64 x h 70 cm (open)
95x65x16 cm (folded)

ALUMINIUM SUITCASE COUCH

- **27406 ALUMINIUM SUITCASE COUCH with hole**
Light, foldable, two sections, suitcase couch with aluminium frame. Central double legs for improved safety and block system on the hinges. Head rest with mouth/nose hole. Upholstered and covered with simulated leather. Maximum load: 110 kg
Weight: 13 kg Made in Italy.



Size: 62x182 cm

27406

DOCTOR CABINET



• **27990 STUDIO LIGHT**
Metal tubular frame with plastic base with 5 plastic wheels (one with brake).

TECHNICAL SPECIFICATIONS

100 Watt lamp (not included)
Power supply: 220 V

GIMA code	Product	Description	Size	Weight
27920	DESK - with 2 drawers	Desk with 2 side drawers with locking top drawer and enamelled tubular steel frame	120x70x76	27
27403	EXAMINATION COUCH	Single-hinged examination table with chromed steel tubular frame. Comes complete with simulated leather mattress (grey), backrest adjustable through different positions. Delivered in kit form.	176x60x78	22
27984	WASTE BIN - enamelled steel	Made of enamelled steel with plastic inner bucket - capacity 7 l	30x25x28	2
27985	- stainless steel	Made of AISI 304 stainless steel with plastic inner bucket - capacity 7 l	30x25x28	2
27988	COAT HANGER	Free-standing coat hanger with painted aluminium frame and 5-spoke base - 6 knobs		8
27990	LIGHT	Not medical. 100 W Itallumag tubular frame with 5 spoke base on 40 mm castors. Adjustable height. Lamp not included.		3

CABINET WITH 1, 2, 4 DOORS



GIMA CABINETS Choice of cabinets with enamelled sheet steel structure and tempered glass. Rack-mounted adjustable glass shelves.

- 27901 CABINET - 1 door
- 27905 CABINET - 2 doors
- 27903 CABINET - 4 doors
- 27911 WALL CABINET - sliding door

TECHNICAL SPECIFICATIONS	27901	27905	27903	27911
Door:	1	2	4	2
Adjustable shelves:	3	4	3	2
Weight kg:	26	49	42	12
Size cm:	53x36x144	75x38x169	75x38x169	60x60x30

3OR4WINGS SCREEN



Made in Italy

27970

- 27970 3 WINGS SCREEN
 - 27971 3 WINGS SCREEN with castors
 - 27972 4 WINGS SCREEN
 - 27974 4 WINGS SCREEN with castors
- Aluminium alloy tubular frame.
Weight 8 kg.
Fire-retardant, washable plastic curtains mounted on feet or castors (Ø 30 mm).
Size: 150 x h170 cm - 3 wings (50 cm each)
195 x h170 cm - 4 wings (50 cm each)

SWADDLING TABLE

• 27400 SWADDLING TABLE

Baby changing table with Itallumag tubular frame with 2 shelves: 115x60 cm, padded worktop in soft washable simulated leather: 100x40 cm, lower shelf in laminated chipboard panel. Max load: 50 kg
Size: 115x63x h 85 cm
Weight: 31 kg
Delivered in Kit form.
Made in Italy.



27400

NEONATAL CRADLE

• 27398 NEONATAL CRADLE with trolley
Transparent unbreakable plastic cradle with edges and ventilation holes.

Epoxy powder painted mainframe made of laminated curved and welded steel. Shape of trolley allows horizontal and Trendelenburg inclinations and bedside positioning. Legs fitted with 4 castors Ø 80 mm, two with brake.

Dimensions 82x53x90 h. cm
Weight 14 kg Made in Italy

- 27685 MATTRESS 63x37x5,5 cm - fireproof
- 27686 COVER - water proof



27398

PEDIATRIC BED

• 27399 PAEDIATRIC BED 1-4 years
200°C epoxy powder painted mainframe made of steel tube Ø 30 mm, ready to be hooked into the mattress platform.

Mesh mattress platform made of oval tube 40x20 mm, fixed to the mainframe with removable bolts. Side rails 62 cm h. sliding on chromed steel guides, with safety device. Legs with 4 castors Ø 80 mm, two with brake. Weight 35 kg
External measurement 140x70x130 h. cm
Inner size 130x65x63 h. cm. Made in Italy

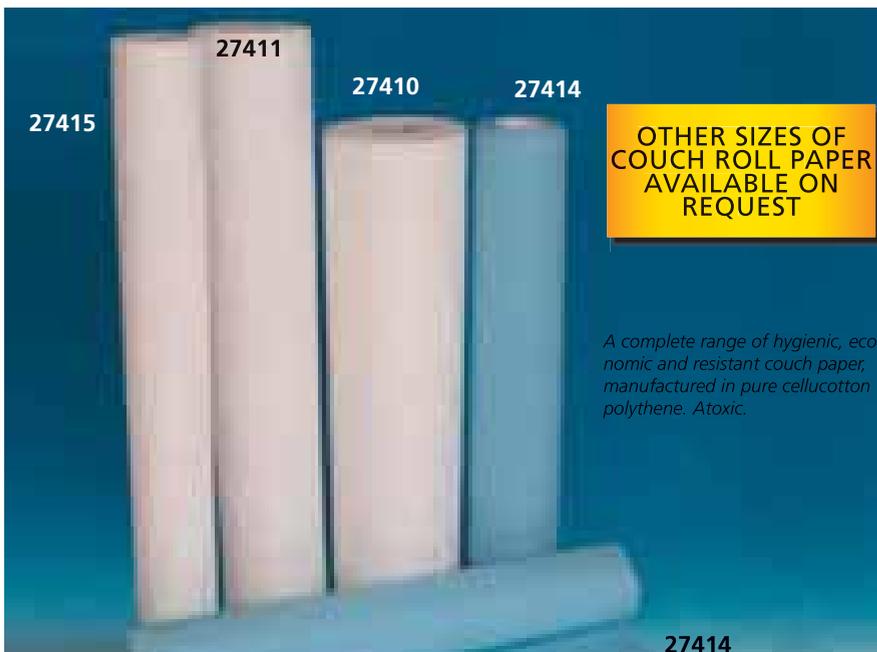


27399

Colour: ivory (RAL 1013)

- 27687 MATTRESS 125x62x10 cm - fireproof
- 27688 COVER - water proof

COUCH PAPER - ROLLS AND HAND PAPER ROLLS/TOWELS



OTHER SIZES OF COUCH ROLL PAPER AVAILABLE ON REQUEST

A complete range of hygienic, economic and resistant couch paper, manufactured in pure cellucotton polythene. Atoxic.

COUCH PAPER ROLLS

GIMA code	27410	27411	27412	27414	27415
Material	pure cellucotton embossed	cellucotton embossed coated	cellucotton embossed	cellucotton ply coated with a polythene ply	cellucotton ply coated with a polythene ply
Colour	white	white	white	light blue	white
Ply	1 ply	2 ply	2 ply	2 ply	2 ply
Weight	30 g/m ²	2x20 g/m ²	2x18 g/m ²	26 g/m ² , 16.5 g/m ² polyh.	28 g/m ² , 9 g/m ² polyh.
Lenght	95 m	47.5 m	46 m	50 m	50 m
Height	50 cm	60 cm	50 cm	49 cm	60 cm
Number of sheet	250	125	135	132	
Perforation	38 cm	38 cm	34 cm	38 cm	40 cm
Rolls x box	6	6	9	6	6



25200

- 25200 C-FOLD HAND TOWELS
Pure cellulose, 1 ply
Size 23 x 33 (folded 23 x 11 cm)
Pack of 150 pcs.
minimum order: box of 24 packs

- 25205 DISPENSER
For C fold hand towels

25205

- 25210 HAND TOWEL ROLLS
Pure cellulose, 2 ply
Size 23 x 24 cm
N° of sheets: 240

minimum order:
box of 12 rolls

- 25215 DISPENSER
For hand towel rolls

25215

- 27418 COUCH ROLL HOLDER
Adjustable roll holder suitable for round (Ø 27-30 mm) or square (27-30 mm x 27-30 mm) metal couch leg.

HEIGHT ADJUSTABLE STOOLS



27954

- 27954 STOOL - white
 - 27955 STOOL - black
 - 27956 STOOL - blue
- Padded simulated leather seat
Ø 36 cm.
Height adjustable 50-60 cm
Plastic base with 5 castors.



27960

- 27959 STOOL - white
 - 27960 STOOL - black
 - 27961 STOOL - red
- Padded simulated leather seat
Ø 30 cm.
Height adjustable.
Metal base with 5 castors.



27964

- 27962 STOOL - white
 - 27963 STOOL - black
 - 27964 STOOL - green
- Padded simulated leather seat
Ø 36 cm with back.
Height adjustable 60-84 cm
Plastic base with ring and 5 castors.



27968

- 27966 STOOL - white
 - 27967 STOOL - black
 - 27968 STOOL - blue
- Padded simulated leather seat
Ø 36 cm with back.
Height adjustable 54-69 cm
Plastic base with 5 castors.



27950

27951

- 27950 STOOL - feet
 - 27951 STOOL - castors
- Stainless steel seat Ø 28 cm.
Height adjustable 44-56 cm
Plastic base.



27948

- 27948 STOOL - feet
- Stainless steel seat Ø 28 cm.
Height adjustable 44-56 cm
Aluminium base with feet.



27952

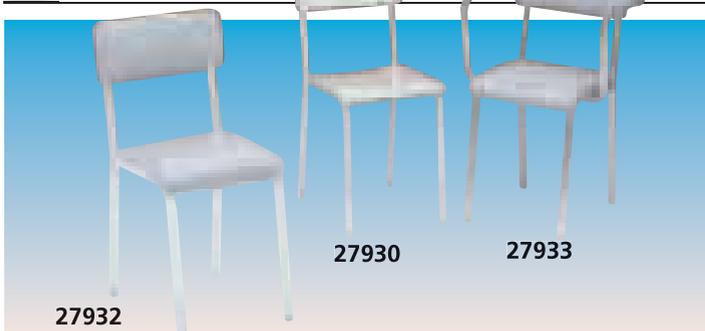
- 27952 STOOL - gray
- Washable padded simulated
leather seat Ø 31 cm.
Height adjustable 49-61 cm
Plastic base with foot.



27953

- 27953 STOOL - gray
- Washable padded simulated
leather seat Ø 31 cm.
Height adjustable 49-61 cm
Plastic base with 5 castors.

CHAIRS



27932

27930

27933

- 27930 CHAIR plastic seat
 - 27932 CHAIR padded seat
 - 27933 CHAIR padded seat with armchairs
- Enamelled steel frame chair with laminated plastic seat and back. White painted frame. Stackable. Load 120 kg.
- Itallumag white painted frame chair with grey padded seat and back. Stackable. Load 120 kg.
- Same as 27932 but with padded arm-rests. Made in Italy

DOCTOR TROLLEY

- 27446 DOCTOR TROLLEY
- Useful trolley made of plastic material (ABS) provided with 9 drawers of different sizes.
Height of drawers:
two 8.5,
five 5.5,
two 2.7 cm.
Size: 38 x 30 x h 72 cm.
Made in Europe



72 cm

27446

OFFICE CHAIRS WITH ARMREST



- 45071
- 45070
- 45075

- 45070 CUNEO - fabric - red
- 45071 CUNEO - fabric - grey
- 45075 CUNEO - leatherette - black - fireproof

Functional office upholstered chair, with armrests and polypropylene swivel base, movable backrest with permanent contact. Perfect solution for consulting rooms/offices.

Weight	Backrest height	Seat height	Width	Depth
12 Kg	98/111 cm	42/52 cm	56 cm	49 cm



- 45081
- 45082

- 45081 CREMONA - fabric - grey
 - 45082 CREMONA - fabric - blue
- Superior quality chair with neat linens, upholstered seat and backrest for greater comfort, swivel base, armrests, permanent contact movement of the backrest. High density and thick foam. ENI 1335/1/2/3.

Weight	Backrest height	Seat height	Width	Depth
12 Kg	90/107 cm	45/52 cm	58 cm	44 cm



- 45090

- 45090 REGGIO GREY - fabric - red
- Stylish chair with armrests, swivel base, upholstery with comfortable foam, permanent contact of the back and gas height adjustment. Modern round grey frame make it suitable for any environment. ENI 1335/1/2/3.

Weight	Backrest height	Seat height	Width	Depth
12 Kg	95/108 cm	45/57 cm	62 cm	45 cm

EXECUTIVE CHAIRS



45122

45120

45120
45122

- 45120 SALISBURGO executive swivel chair - leather - black
- 45122 SALISBURGO visitor cantilever chair - leather - black

High and low back stylish executive chairs. Refined lines and maximum comfort. 2 positions tilting movement, swivel base, polypropylene armrests, height adjustable by gas jump.

GIMA code	Weight	Backrest height	Seat height	Width	Depth
45120	17 kg	118/128 cm	43/53 cm	62 cm	55 cm
45122	14 kg	95 cm	45 cm	62 cm	55 cm

VISITOR CHAIRS



- 45030
- 45032
- 45035

- 45030 ISO - fabric - red
 - 45032 ISO - fabric - blue
 - 45035 ISO - leatherette - black fireproof
- Comfortable upholstered chair with 4 legged frame. Can be used for patient and waiting rooms, with Cuneo and Cremona chairs. Comfortable seat made of expanded polyurethane hit injected heliocell foams.

Weight	Backrest height	Seat height	Width	Depth
7 Kg	82 cm	45 cm	53 cm	43 cm

CHAIRS



- 45050
- 45051
- 45055

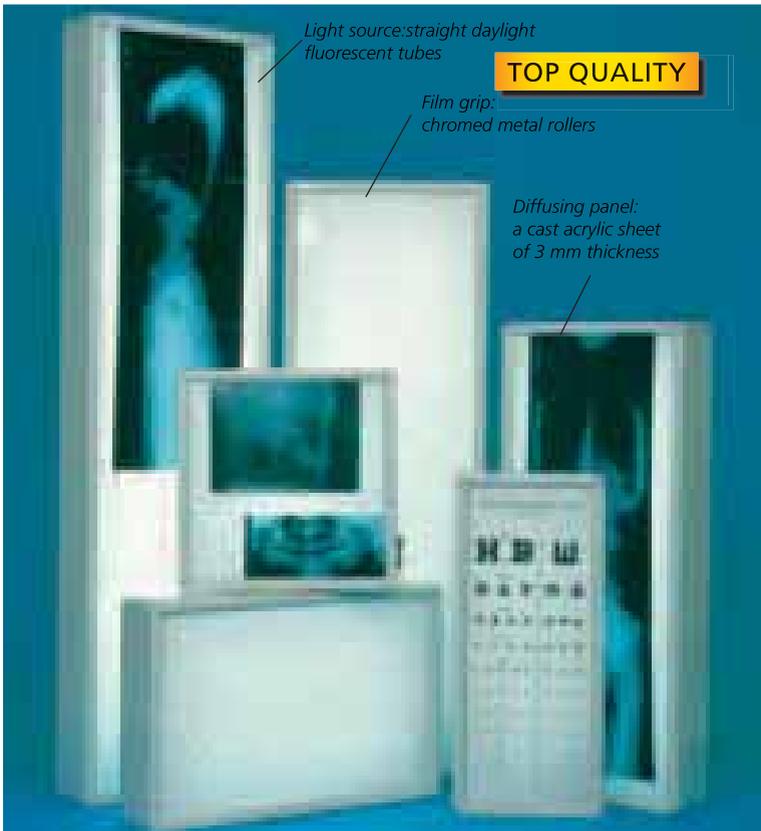
- 45050 CUNEO B - fabric - red
 - 45051 CUNEO B - fabric - grey
 - 45055 CUNEO B - fabric - black
- Low back swivel chair, without armrests. Permanent contact of the backrest and height adjustable by gas pump.

Weight	Backrest height	Seat height	Width	Depth
11 Kg	85/98 cm	42/52 cm	56 cm	49 cm

- 45000 KETTY - plastic red
- Made of anti-static plastic. Stackable. Highly resistant, round, chrome plated tube frame.



X-RAY ILLUMINATORS - LIGHT BOXES



Light source: straight daylight fluorescent tubes

TOP QUALITY

Film grip: chromed metal rollers

Diffusing panel: a cast acrylic sheet of 3 mm thickness

X-RAY ILLUMINATORS

GIMA light boxes are designed according to clinical standards for an extra white light for an accurate and precise reading of any detail. Incorporates a 3 mm acrylic screen compliant with safety norms (fuses, Shuko plug, green light On/Off, ...). Can be used on the table placed horizontally, vertically, or wall mounted.

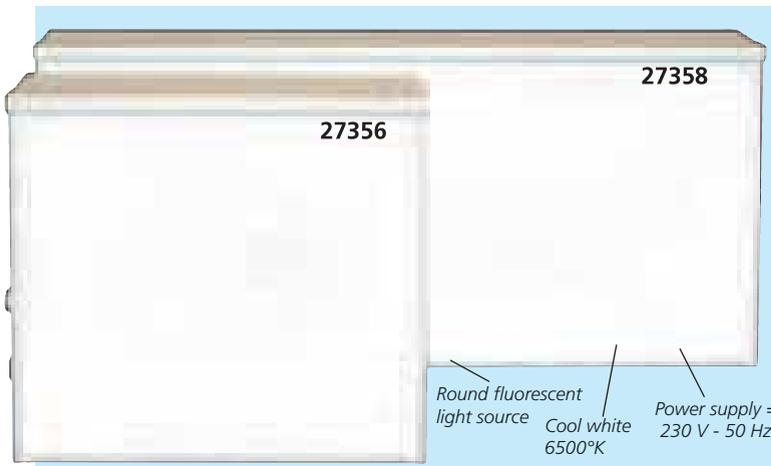
Body made of oven-fired epoxy powder coated aluminium and injected ABS (colour RAL 7035).

TECHNICAL SPECIFICATIONS

Colour temperature: Cool white 6,500 °K
 Power supply: 230 V - 50 Hz
 Protection fuse: 2x1A
 Bipolar light switch
 Schuko plug with 2 m cable
 All components UL, DVE, IMQ approved
 Made in Italy

GIMA code	X-RAY ILLUMINATORS - LIGHT BOXES	External dimensions (cm)				
		Length	Height	Depth	Weight	
27364	Light box 38x38 cm	43	43	12	6	1 panel
27365	Light box 38x62 cm	67	43	12	8	1,5 panel
27366	Light box 38x92 cm	97	43	12	11	2 panels
27367	Light box 38x122 cm	127	43	12	14	3 panels
27368	Light box 38x153 cm	158	43	12	18	4 panels
27369	Light box 76x122 cm	127	2x43	12	28	2x3 panels
27370	Light box 76x153 cm	158	2x43	12	36	2x4 panels
27372	Light box 92x38 cm	43	97	12	11	2 panels vertical
27373	Light box 122x38 cm	43	127	12	14	3 panels vertical
27378	Neon tube for 27364					
27379	Neon tube for 27365					

VALUE FOR MONEY LIGHT BOXES



Round fluorescent light source Cool white 6500°K Power supply = 230 V - 50 Hz

GIMA x-ray illuminators has been designed according to clinical recommendations for an extra white light to give an accurate and precise reading of any detail.

Manufactured with metacrylate screen, and according to safety norms (fuses, shuko plug, green light on/off, ...). The unique film gripping system gives full use of viewing area. White colour.

Made in Italy.

AVAILABLE ALSO WITH ADJUSTABLE LIGHT

GIMA code	X-RAY ILLUMINATORS - LIGHT BOXES	External dimensions (cm)				
		Length	Height	Depth	Weight	
27356	36.5x40 cm	38.5	43.5	11	5.4	1 panel
27357	36.5x40 cm - adjustable	38.5	43.5	11	5.4	1 panel
27358	75x40 cm	77	43.5	11	11	2 panels
27359	Round fluorescent light - spare					

ISHIHARA COLOUR TEST

- 31290 ISHIHARA COLOUR TEST - box of 10 plates
- 31291 ISHIHARA COLOUR TEST - box of 24 plates
- 31292 ISHIHARA COLOUR TEST - box of 38 plates

These series of plates are designed to provide a test which gives a quick and accurate assessment of colour vision deficiency of congenital origin. This is the most common form of colour vision disturbances. Most cases of congenital colour vision deficiency are characterized by a red-green deficiency which may be of two types: first, a protan type which may be absolute (protanopia) or partial (protanomalina), and secondly, a deutan type which may be absolute (deuteranopia) or partial (deuteranomalina).

GIMA code	ISHIHARA COLOUR TEST
31290	Book of 10 plates - for unlettered
31291	Book of 24 plates
31292	Book of 38 plates

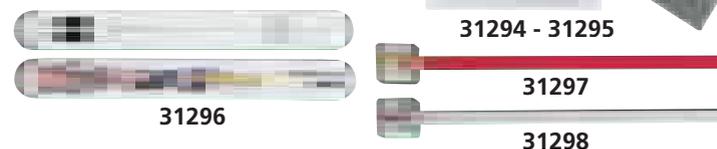


LANG STEREOTEST

- 31294 LANG STEREOTEST I
- 31295 LANG STEREOTEST II

Stereotest I was created to simplify stereopsis screening in children. It is based on two principles: on random dots and on cylinder gratings. Stereotest II is a further development and helps the assessment of binocular vision.

- 31296 LANG FIXATION STICK
- 31297 LANG FIXATION CUBE - white
- 31298 LANG FIXATION CUBE - red



ULTRA SLIM X-RAY ILLUMINATOR - DESKTOP AND WALL

SLIM X-RAY ILLUMINATORS

The new generation of X-ray illuminators with advanced back light TV LCD technology and colour temperature of 7200°K for superior viewing and reading of radiography. Double support for horizontal or vertical wall mounting or desktop. Frame in antiscratch anodized aluminium. Film gripping system included.

Economic advantages:

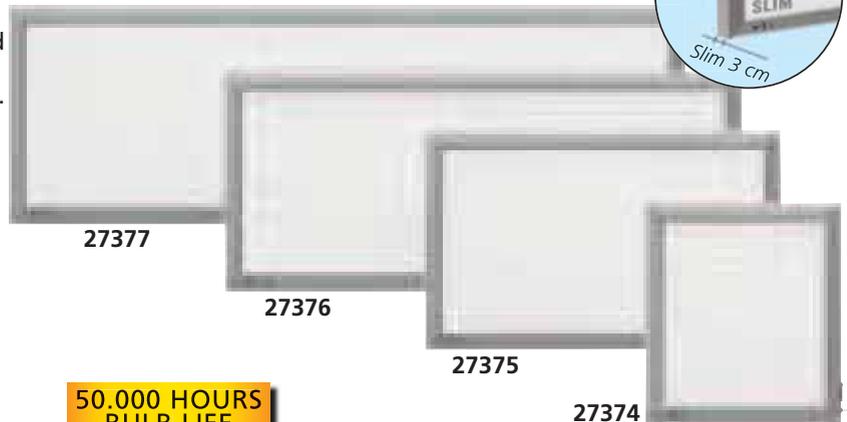
- bulb life 50.000 hours, with low maintenance costs
- low consumption compliant with European law

Fully adjustable desktop model:

Position of panel can be totally adjusted:

- height adjustment 13 cm
- inclination 35° (+25°/-5°)
- vertical or horizontal positioning (27395 only)
- horizontal rotation 10° (270° for 27395 only)

**50.000 HOURS
BULB LIFE**



27395



27396



27397



Orientation

Horizontal rotation 270°



Horizontal rotation 10°



inclination



Adjustable height

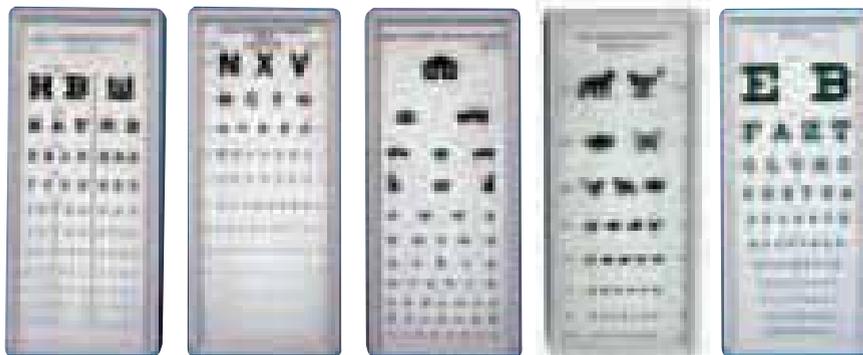


Horizontal rotation 10°

TECHNICAL SPECIFICATIONS
 Colour temperature: Cool white 7200 °K
 Power supply: 230 V - 50/60 Hz
 Back light TV LCD Technology
 Bulb life: 50.000 hours
 Brightness: 3500 cd/m²
 All components UL, DVE, IMQ approved
 Made in Italy

GIMA code	WALL X-RAY ILLUMINATORS LIGHT BOXES	Length Height Depth			Weight kg	Switches	
		Length	Height	Depth			
27374	Light box 42x36 cm	46	50	3	4	1	1 panel
27375	Light box 42x72 cm	82	50	3	8	1	2 panels
27376	Light box 42x108 cm	118	50	3	12	1	3 panels
27377	Light box 42x144 cm	154	50	3	16	1	4 panels
DESKTOP X-RAY ILLUMINATORS LIGHT BOXES							
27395	Light box 42x36 cm x1	46x1	51	3	6	1	1 panel
27396	Light box 42x36 cm x2	46x2	51	3	20	2	2 panels
27397	Light box 42x36 cm x3	46x3	51	3	26	3	3 panels

ILLUMINATED AND NOT ILLUMINATED OPTOMETRIC CHARTS



MIXED DECIMAL
3m
• 27382

MONOYER
3m
• 27381

CHILDREN
3m
• 27383

ANIMALS
5.5m
• 27384

ARMAGNAC
5m
• 27380

GIMA luminous optotypes have been designed according to clinical recommendations for an extra white light to give an accurate and precise reading of any detail. Manufactured with acrylic screen, and according to safety norms (fuses, Shuko plug, green light On/Off,...)

TECHNICAL SPECIFICATIONS
 Viewing Area: 24 x 62 cm / 24 x 61 cm
 External dimensions: 29.5x67.5x12 cm / 29 x 66 x 2.5 cm
 Weight: 6 kg / 2 kg Made in Italy
 Other specifications like negativoscopes page 64



OPTOMETRIC CHARTS	Illuminated GIMA code	Not illuminated GIMA code
Armagnac - 5 m	27380	27390
Monoyer - 3 m	27381	27391
Mixed decimal - 3m	27382	27392
Children - 3 m	27383	27393
Animals - 5 m	27384	-
Spare Tube 700	27388	-

I.V. STANDS

GIMA code	Hook	Stand Material	Adjustable height	Base Material	Weight kg
27841	2	Chromed-steel	160-245 cm	plastic	2.9
27842	4	Chromed-steel	160-245 cm	plastic	3.2
27843	2	Aluminium	158-248 cm	plastic	2.9
27844	4	Stainless steel	160-220 cm	stainless	2.9
27845	2	Plastic support for bottle holder			
27846	4	Metal support for bottle holder			
27847	-	Plastic bottle holder - box of 40 pcs.			
27848	-	Stainless steel bottle holder			

One castor with brake.

TRIS TROLLEY



• **27438 TRIS TROLLEY**
 A practical trolley for ECG, Electrosurgical unit or any other device, with 4 nylon castors and 2 lateral handle for easy moving.
 Revolving castors Ø 50 mm.
 Size: 49 x 37 x h 77 cm.
 Shelf size: 40 x 30 cm.
 Colour: RAL 9002
Delivered in kit form.
 Made in Italy

PROFESSIONAL CARTS

All professional carts are supplied with cable pipe inside lateral columns.

27887 + 27873

27893 + 27874 + 27876 + 27877

GIMA code	PROFESSIONAL CARTS	GIMA code	ACCESSORIES
27885	PRO CART 2 shelves	27873	Basket
27886	PRO CART 2 with insulation transformer 800VA	27874	Infusion stand
27887	PRO CART 2 + keyboard, monitor support	27876	Arm
27890	PRO CART 4 shelves	27877	Oxygen tank support
27892	PRO CART 4 with insulation transformer 1600VA	27878	Push-handle
27893	PRO CART 4 + keyboard, monitor support and drawer	27879	Extra shelf 50x50 cm

TECHNICAL SPECIFICATIONS		
Load capacity:	total load 240kg - shelf 35kg	Material:
Base:	60.8x50 cm	- vertical extrusions in aluminium
Shelves:	2 or 4 shelves 50x50 cm + base	- plastic parts in ABS
		Made in Italy

EXCEL TROLLEY



• **27440 EXCEL TROLLEY - 3 shelves (60x45cm)** Size: 60x45x h78 cm.
 • **27441 EXCEL TROLLEY - 4 shelves (60x45cm)** Size: 60x45x h110 cm.
Delivered in kit form. Made in Italy

Excel Trolleys are now produced without upstands at four sides for an easier cleaning of the trolley.

Castors Ø 100 mm (2 with brake).

MULTIFUNCTIONAL CARTS

BUILD UP YOUR FAVOURITE CART



Compatible with 4 hook metal support 27846

27870



27870 + 27873



27870 + 27872



27870 + 27873 + 27874



With VESA 75/100 connection for monitor

27869 + 27873

SMART CARTS



Aluminium structure

Shelves made with coat of paint sheets

27896 + 27874

Wheel load: dynamic charge: 70 Kg static: 140 Kg

SUPER EASY CART: A new stylish and quality cart you can build according to your needs

TECHNICAL SPECIFICATIONS

Dimensions: 47 x 42 x 79 cm
Shelf: 32 x 26 cm or 40 x 36 cm
Load capacity: total load 120 kg shelf 10 kg
4 castors Ø 80 mm
Material: - extrusions in aluminium - plastic parts in ABS
Made in Italy

GIMA code	SUPER EASY CARTS - WITH HANDLE
27870	Cart with 1 shelf (32x26 cm)
27869	Cart with shelf, and monitor support
27871	Cart with large shelf (40x36 cm)
ACCESSORIES	
27872	Extra shelf 32x26 cm
27873	Basket
27874	Infusion stand
27875	Extra shelf 40x36 cm

SMART CART - grey/white RAL 7035
Carts with 3, 4 or 5 wide sturdy, shelves 4 castors Ø 80 mm (2 with brake).

GIMA code	SMART CARTS
27895	Cart h80 cm 3 shelves 40x36 cm
27896	Cart h90 cm 4 shelves 40x36 cm
27897	Cart h115 cm 5 shelves 40x36 cm
27873	Basket
27874	Infusion stand

EASY CARTS



27880

79 cm

Adjustable height of shelves



27881

88 cm

Easy cart power is equipped with cable pipe inside lateral columns and 4 connection socket

27883 + 27874

TECHNICAL SPECIFICATIONS

Dimensions (WxDxH): 50x45x79/88/112 cm
Load capacity: total load 140 kg shelf 25 kg 40x36 cm
Shelves: 4 castors Ø 80 mm
Material: - vertical aluminium extrusions - plastic parts in ABS
Made in Italy

EASY CART

A complete line of stylish and sturdy carts with 3, 4 or 5 shelves and with power.

GIMA code	EASY CARTS
27880	Cart h79 cm 3 shelves 40x36 cm
27881	Cart h88 cm 4 shelves 40x36 cm
27882	Cart h112 cm 5 shelves 40x36 cm
27883	Cart h79 cm 3 shelves 40x36 power

GIMA code	ACCESSORIES EASY CARTS
27873	Basket
27874	Infusion stand
27875	Extra shelf 40x36 cm

STAINLESS STEEL, INSTRUMENT AND DRESSING TROLLEYS



27430

• **27430 INOX TROLLEY**
AISI 304 Stainless steel trolley with plastic drawer internally divided in 4 sectors. 2 shelves with upstands (3,5 cm) on four sides. Revolving rubber castors Ø 80 mm (two with brake).
Size: 70x50x h. 82 cm
Delivered in kit form.
Made in Italy



27433

• **27433 MEDICAZIONE TROLLEY - small Size:** 60x40x h 81 cm - weight 9 kg
• **27434 MEDICAZIONE TROLLEY - medium Size:** 70x50x h 82 cm - weight 10 kg
• **27435 MEDICAZIONE TROLLEY - large Size:** 90x60x h 85 cm - weight 15 kg
AISI 304 stainless steel trolleys, with push handle, 2 shelves with upstands (3,5 cm) on four sides, 4 revolving rubber castors Ø 60/80/100 mm.
Delivered in kit form.
Made in Italy



27431

• **27431 TER TROLLEY**
AISI 304 Stainless steel trolley, with push handle.
3 shelves with upstands (3,5 cm) on four sides 4 revolving rubber castors Ø 80 mm.
Size: 70x50x h 82 cm - weight 13 kg
Delivered in kit form.
Made in Italy



27436

• **27436 DRESSING TROLLEY**
Dressing trolley made of AISI 304 stainless steel with 2 70 x 50 cm shelves, 1 drawer (40 x 50 x h 15 cm), basin holder and basin. 4 revolving castors Ø 100 mm.
Size: 70 x 50 x h 80 cm
Weight: 18 kg
Delivered in kit form.
Made in Italy.



27461

• **27460 DELUXE TROLLEY**
• **27461 DELUXE TROLLEY with drawer** 62 x 42 cm
Size: 65 x 45 x h 80 cm
Top quality Trolleys made of lightweight anodized special alloy, with detachable stainless steel shelves.
4 revolving rubber castors Ø 80 mm.
Delivered in kit form.
Made in Italy.



27429

• **27429 GIMA 2 TROLLEY**
- **small:** 60x40x h 77 cm - Weight 15 kg
• **27425 GIMA 2 TROLLEY**
- **medium** 70x50x h 77 cm
Practical trolleys with aluminium body and handles. With 2 white bilaminated shelves 18 mm thick, black PVC bordered, with guard-rail. Two large lateral handles facilitate transport or lift up of the trolley. 4 revolving nylon castors Ø 80 mm
• **27426 GIMA 3 TROLLEY**
- **medium** 70 x 50 x h 77.
Same as GIMA2 , but without guard rail.
Delivered in kit form.
Made in Italy.

MAYO TABLES



- **27453 MAYO TABLE - 5 spoke**
- **27454 MAYO TABLE - s/s base**
S/s tray size 68 x 46 cm (removable for code 27454). With 5 spoke with castors, 50 mm Ø (27453), or AISI 304 s/s base with 4 castors, 50 mm (27454). Adjustable height: 70 to 110 cm Weight: 9.3 kg (27453 and 27454)
- **27455 MAYO TABLE with pump**
Similar to 27454, but with pump. Removable s/s tray, size 75 x 54 cm, s/s AISI 304 base with 4 castors (50 mm) Adjustable height: 85 to 120 cm Weight: 23 kg Size: 68x44x h85/120 cm Delivered in kit form. Made in Italy

LAUNDRY TROLLEY



- Wrapping bag not included
27465 + 27462
- **27464 LAUNDRY TROLLEY - painted steel**
 - **27465 LAUNDRY TROLLEY - stainless steel**
These trolleys allow to collect dirty laundry while distributing clean linen at the patient bedside. Stainless steel or painted steel frame. Equipped with 4 Ø 125 mm castors (2 with brake) and 4 rubber bumpers at corners. Size: 1330x650x h 1040 mm. Made in Italy
 - **27463 SIDE PANEL - painted steel**
 - **27462 WRAPPING BAG - blue - box of 10** washable up to 2000 times



27464+27462 **27465+27462+27463**

REX TROLLEY



- **27439 REX TROLLEY**
Complete stainless steel dressing trolley. Supplied with 3 shelves, waste bin, drawer, support for bottles, guard rails on the two bottom shelves, 4 wheels, Ø 100 mm (2 with brakes). Size: 79x50x h 120 cm (handle included). Delivered in kit form (75x52x112 mm). Made in Italy

OVERBED TABLE

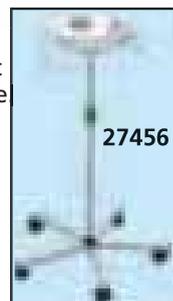


- **27458 OVERBED TABLE**
Chrome plated steel stand, painted steel base. Tilttable and sliding serving tray made of thermoformed anti-shock plastic material with retaining edges and incorporated bottle, glass and cutlery holder. Base with 4 Ø 50 mm castors. Adjustable height: 80 to 115 cm Size: 42 x 65 x h80/115 cm. Delivered in kit form. Made in Italy

BOWL STANDS



- **27456 SINGLE BOWL STAND**
- **27457 DOUBLE BOWL STAND**
Chrome plated steel stand with stainless steel base and 5 plastic wheels, one with brake Adjustable height from 60 to 95 cm Stainless steel bowl Ø 32 cm Available with one or two bowls. Delivered in kit form.



27456

SOILED LINEN TROLLEY



- **27467 SOILED LINEN TROLLEY**
Chrome plated frame with 3 castors Ø 80 mm. Removable bag. Size: Ø 46 x h 95 mm. Delivered in kit form.

Canvas bag included

27467

MULTI-FUNCTIONAL TROLLEYS: BASIC AND DRESSING

MULTIFUNCTIONAL TROLLEYS: BASIC - DRESSING

These multifunctional professional trolleys have painted steel structure and external plastic finishing. Basic and Dressing are available in 4 different sizes (small, standard, medium, large). Provided with 4 or 8 drawers, one lateral basket and one extra lateral table. Four revolving rubber wheels Ø 125 mm.

Made in Italy

BASIC LARGE



27486



27476



27477

DRESSING STANDARD



27481



27478



27484

BASIC TROLLEY - 4 sizes

Standard version without accessories

PARTITION KIT

- 27470 KIT for drawer 30 cm - 8 compartments
- 27471 KIT for drawer 45 cm - 25 compartments
- 27472 KIT for drawer 60 cm - 25 compartments

Size: 20/35/50x43xh7 cm



Partition are removable

DRESSING TROLLEY - 4 sizes

Same as Basic, but equipped with kidney dish, instrument tray and upper drawers

BASIC	DRESSING	Size Type	Size of trolley (cm) (without accessories)	Number of drawers	Size of drawers cm					
					45x48xh13	45x48xh27	60x48xh13	60x48xh27	30x48xh13	30x48xh27
27477	27478	Small	67 x 64 x h100	4	3	1	-	-	-	-
27480	27481	Standard	82 x 64 x h100	4	-	-	3	1	-	-
27476	-	Standard	82 x 64 x h100	9	-	-	-	-	8	1
27483	27484	Medium	102 x 64 x h100	8	3	1	-	-	3	1
27486	27487	Large	115 x 64 x h100	8	-	-	3	1	3	1

RECORD HOLDERS AND X-RAY FILM HOLDERS TROLLEYS



- 27490 RECORD HOLDERS TROLLEY - sliding top
 - 27491 RECORD HOLDERS TROLLEY
 - 27492 RECORD HOLDERS TROLLEY - 2 large drawers
- Record trolleys are designed to hold clinical reports in A3/A4 format or specific format. Frame in epoxy painted steel, working surface and panels in technopolimer plastic. Equipped with 4 Ø 125 mm revolving rubber castors (2 with brake). Bumpers around the perimeter. Made in Italy.
Size: 820 x 640 x 1,000 h mm (code 27491 and 27490)
820 x 640 x 1,150 h mm (code 27492).
- 27493 FILE RACK

- 27488 X-RAY FILM HOLDER
- This trolley has 32 extractable compartments, a wide top surface, 4 side document holders, and a sliding out writing surface. Frame is in painted steel with sliding-in bilaminated doors with a 270° opening. Base and lateral cabinets are made in technopolimer material. Equipped with 4 Ø125 mm revolving rubber castors (2 with brake).
Size 820x640x1200 h mm. Made in Italy.
- 27489 COMBO FILES AND X-RAY FILM HOLDER
- Same as above, but with 15 X-ray compartments and drawer that holds up to 25 files.

EMERGENCY TROLLEY

EMERGENCY TROLLEY - 2 size, 2 colour

Professional trolley with painted steel structure and external plastic finishing equipped with 4 drawers, one lateral basket, one extra lateral table, I.V. stand, defibrillator holder (plexiglass tray), oxygen holder up to 5 litres (back), 4 antistatic rubber castors.

- 27479 EMERGENCY TROLLEY - small 67x64xh100 cm
- 27482 EMERGENCY TROLLEY - standard 82x64xh100 cm

EMERGENCY SMALL



27479

EMERGENCY STANDARD

Transparent cardiac board

3 drawers 60x48x13 cm

1 drawer 60x48x26 cm

Built in perimetral protection



27482

Adjustable height IV pool

Rotating defibrillator holder tray

Side waste container and catheter holder



Oxygen tank holder on back (tank not included)

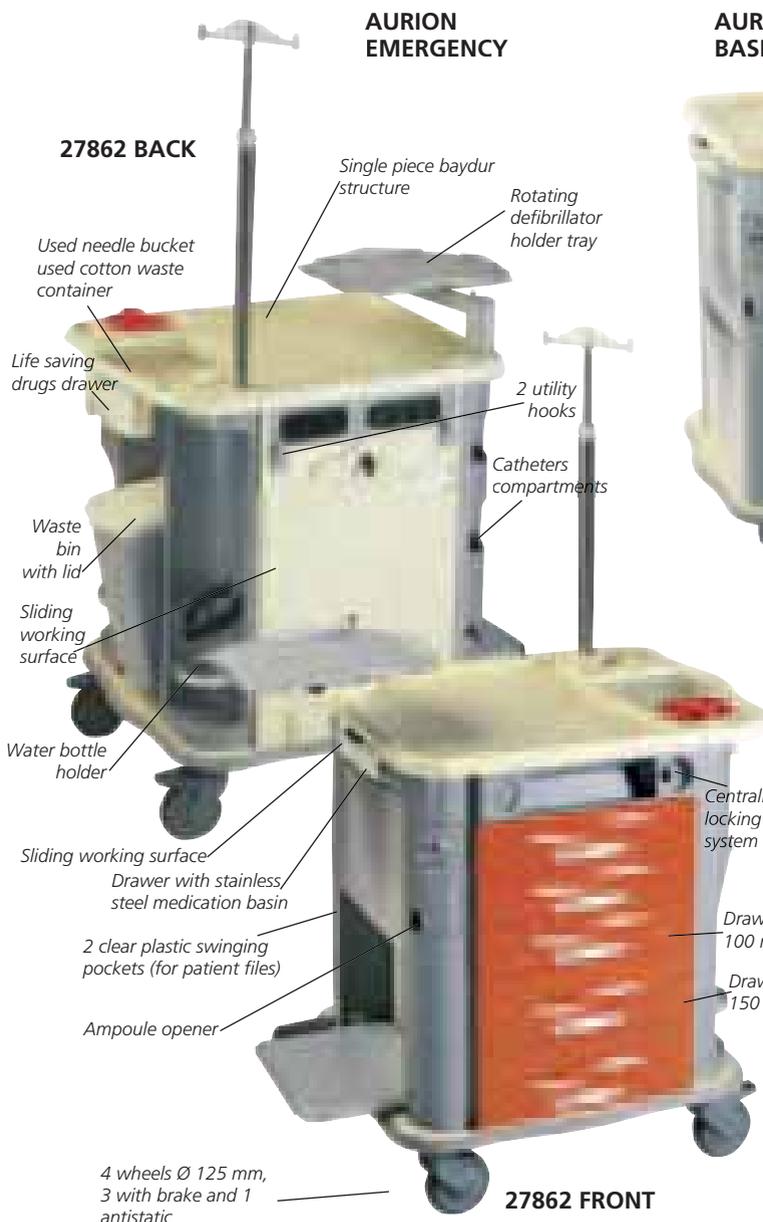
AURION MULTIFUNCTIONAL TROLLEYS - TOP QUALITY

AURION EMERGENCY

AURION BASIC

AURION DRESSING

27862 BACK



27862 FRONT



27860



27861

AURION TROLLEY

A multifunctional and revolutionary line of carts with innovative design, superior quality and complete accessories. Body is made of a single rounded piece of Baydur polyurethane material manufactured by Bayer AG. It can be washed and disinfected. It does not react with diluted acids, alkali and solvents. It is self-extinguishing according to class UL VO. All carts are Latex free. For safety, handles are moulded into the body. Trolley's top has a 4-sided moulded containing rim to avoid any spilling/falling of materials. All around bumper protection is included to avoid any damage to the personnel, cart and medical devices. Size 775x710x920 h mm

- 27860 AURION BASIC TROLLEY
- 27861 AURION DRESSING TROLLEY with IV stand and upper drawers
- 27862 AURION EMERGENCY TROLLEY with IV stand and defibrillator tray

- Single piece baydur structure
- Rotating defibrillator holder tray
- Used needle bucket used cotton waste container
- Life saving drugs drawer
- 2 utility hooks
- Catheters compartments
- Waste bin with lid
- Sliding working surface
- Water bottle holder
- Sliding working surface
- Drawer with stainless steel medication basin
- 2 clear plastic swinging pockets (for patient files)
- Ampoule opener
- 4 wheels Ø 125 mm, 3 with brake and 1 antistatic

Centralized locking system

Drawer 100 mm

Drawer 150 mm

DRUGS & MEDICINE TROLLEYS



27495



27497



27494

- 27494 PHARMACY TROLLEY - small
15 3-compartment partition
- 27495 PHARMACY-TROLLEY - standard
20 3-compartment partition
- 27497 PHARMACY TROLLEY - large
30 3-compartment partition

A portable pharmacy, allowing to manage daily or weekly treatment of patients, with 15/20/30 3 compartments small drawers for easy drug storage (45-60-90 spaces). Painted steel frame, tecnopolimer surface and panels. Can be completely closed by safety key lock. Provided with 4 revolving castors Ø 125 (2 with brake); Size 820/1150 x 640 x 1000 h mm. Made in Italy.

- 27498 PARTITION - 3 compartments



4 x 27498

—27498—

BACK



27499

FRONT



- 27499 DOUBLE FACE PHARMACY TROLLEY

Two trolleys in one: 3 large drawers on one side, 30 (6+9+15) monodose cassette on other side; with locking system.

Size of cassettes.

- 6 cassettes 115x290x h 75 mm

- 9 cassettes 115x290x h 45 mm

- 15 cassettes 70x290x h 45 mm

Size of trolley: 920x590x810h mm

Provided with 4 revolving castors Ø 125 mm (3 with brake, 1 of trolley, antistatic).

Made in Italy.



27923

- 27923 CABINET TROLLEY - empty
Ideal for transport of pharmacy and other materials. Supplied empty, you have to choose trays among below and personalize. Frame in painted steel. Curtain door with key locking system. Provided with 4 revolving castors Ø 125 (2 with brake, 2 antistatic).

Size: 670x640x1550h mm

Made in Italy

- 27924 PLASTIC TRAY 600x400x50h mm
- 27925 PLASTIC TRAY 600x400x100h mm
- 27926 BILAMINATED SHELF 600x400x8h mm
- 27927 WIRE BASKET 600x400x150 mm



27924



27927

DRUGS & MEDICINE CABINET



- 27915 MEDICINE CABINET - with inner dangerous drugs compartment.

Entirely constructed from bilaminate 20 mm thick, standard colour grey (ABET 478). Base made of 4 legs diam. mm 60 with adjustable ABS feet. Two lockable doors turning through 270° fitted inside with 2 ABS thermoformed containers with 16 medicine compartments; perimetrical anti-dust gaskets. Inside cabinet: two double ABS thermoformed containers turning through 90° with 32 medicine compartments complete with transparent plexiglass rings; 5 adjustable shelves; dangerous drugs compartment provided with lock and drop front to be used as working top. Dimensions 100x60x h. 190 cm. Made in Italy.

MAGNETOTHERAPY UNITS: DOMICILIARY AND PROFESSIONAL MODELS



ELF magnetotherapy is characterized by:
 low frequency,
 negligible electric field,
 low radiated power,
 negligible thermic effects,
 high tissue penetration

28326

28327

Size: 360 x 265 x 150 h mm
 Weight: 6 kg

Kit: elastic band 100x8 cm
 + couple of plate transducer

- 28326 MAGNETOTHERAPY PROFESSIONAL - unit only
- 28327 KIT: 1 BELT + 2 PLATE TRANSDUCER - 100 Gauss
- 28323 VELCRO ELASTIC BAND 100 x 8 cm - spare
- 28325 CYLINDER Ø 24 cm - 100 Gauss
- 28329 CYLINDER Ø 50 cm - 80 Gauss
- 28328 CYLINDER Ø 60 cm - 80 Gauss

MAGNETOMED is an ELF magnetotherapeutic unit designed for ambulatory or at patient home professional applications. It is useful in the therapies that require treatments repetition for a long period and/or long duration accessions, or therapies on traumatized or immobilized patient that have difficulty to reach a physiotherapeutic ambulatory.

Applications

The main effects of the ELF magnetic therapeutic fields are:
 - antiaedemic, antalgic, antiphlogistic, regenerative
 Main field of application are: traumatology, rheumatology, angiology, neurology, dermatology, endocrinology.

TECHNICAL SPECIFICATIONS

Working frequencies: 2, 5, 10, 20, 30, 40, 50, 60 Hz.
 Intensity control: 20, 40, 60, 80, 99%
 Waveform: rectangular
 Time of treatment: 1-99 min
 Active channels: CH1 - CH2 - CH1+CH2
 Operating Voltage: 115/230V - 50/60 Hz switchable
 Power: 220 VA
 Norms: EN60601-1 (CE162-5) - CENELEC EEC



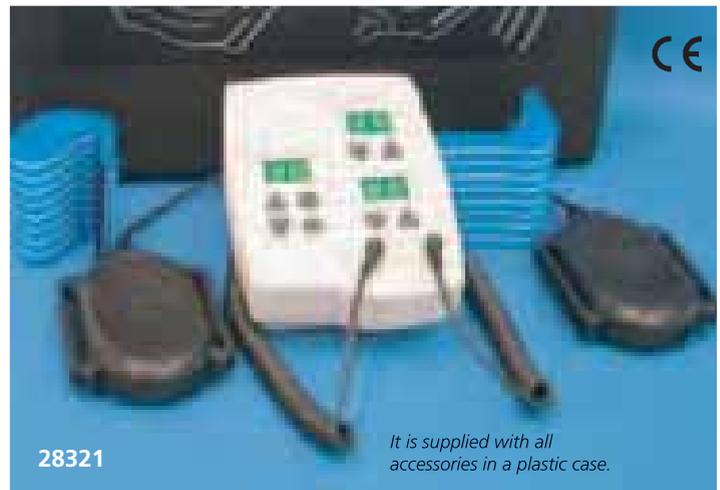
Plates and Cylinder are not included in standard configuration.

- 28321 GIMA MT BASE PLUS - magnetotherapy
- Magneto Base Plus + is an ELF low frequency magnetotherapeutic unit designed for domiciliary applications. The most important effects of the magnetic fields are: Antiedemic / Analgesic / Antiphlogistic / Regenerative and have applications in: traumatology, rheumatology, angiology, neurology, dermatology, endocrinology. The magnetic field produced is impulsive. The internal generator produces square waveform electrical current with frequency varying from 10 to 99 Hz and impulse time varying so to obtain a field's intensity determined from 10 to 80 Gauss. Internal sound sensor of magnetic field and safety system in the case of short-circuit. Two transducers can be connected at the same time (the field produced by each transducer is half of the total).

GIMA code	ACCESSORIES FOR MAGNETOTHERAPY	Minimum order
28322	Plate transducer 70x120 mm	1 pc.
28323	Velcro elastic band 100x8 cm	1 pc.

GIMA MT BASE: STANDARD ACCESSORIES

GIMA MT base unit	1 velcro elastic band 100 x h 8 cm
power cable	ABS carrying case
2 plate transducers 80 gauss - 120 x 70 mm	Manual (English, Italian)
1 velcro elastic band 60 x h 8 cm	



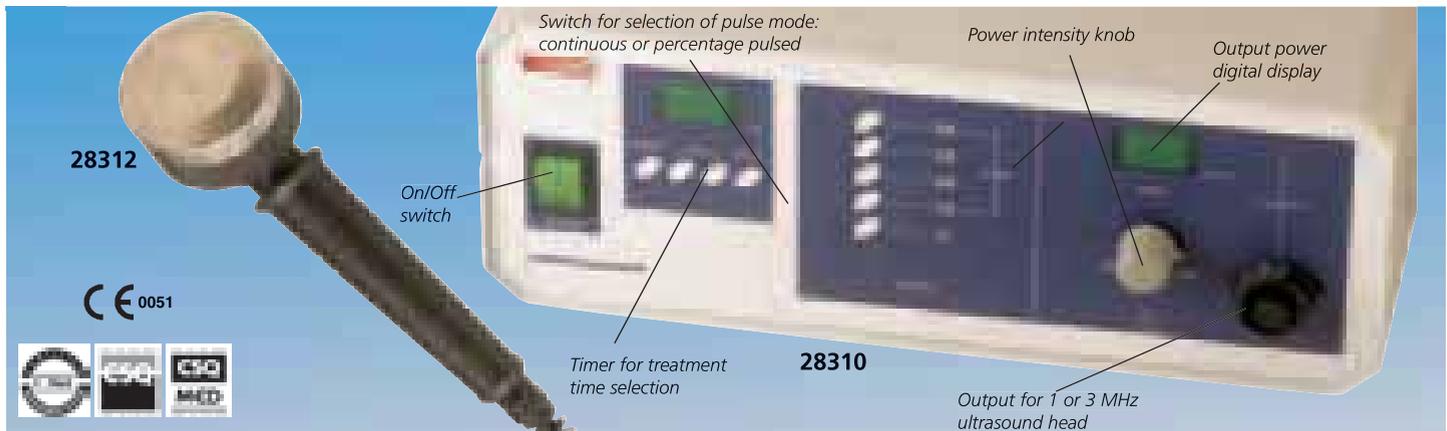
28321

It is supplied with all accessories in a plastic case.

TECHNICAL SPECIFICATIONS

Waveform: square
 Max. ratio emission/pause: 50%
 Selectable magnetic field from 10 to 80 Gauss
 Selectable frequency: from 10 to 99 Hz.
 Intensity of magnetic field: 80 Gauss (8mT)
 Operating voltage: 230V/50-60 Hz
 Size: 193 x 138 x h 68 mm Weight: 1 kg
 Safety class: II BF - Norms: EN60601-1 (CE162-5)

GIMA UT AUTOMATIC: ULTRASOUND THERAPY UNIT



• 28310 GIMA UT AUTOMATIC

ultrasound therapy unit without head

GIMA UT Automatic is an automatic system for ultrasound therapy which makes possible the use of any ultrasound head with oscillation frequency from 0.5 MHz to 3 MHz. Pulse frequency is 2 pulses/second. Modulation degree is

TECHNICAL SPECIFICATIONS

Treatment time: programmable from 1 to 99 minutes
 Selectable pulse/time%: 10%-20%-30%-50%- 100%
 Pulse frequency: 2 pulses/second
 Max. power: 3 W/cm²
 Operating voltage: 115/230 V - 50/60 Hz - switchable
 Size: 360 x 265 x 150 mm Weight: 8 kg
 Safety class I BF - CE 93/42/EEC
 Norms: EN 60601-1 (CEI 62-5)/IEC 601-2-5 (CEI 62-23)

selectable from 10% to 100 %, through a digital keyboard. It is provided with digital adjustment of intensity with numeric indication. Maximum output power is: 37.7 W (3 W/cm²) for standard head, 5.28 W (3 W/cm²) for thin head. Luminous read-out for distributed power. Gima UT is recommended for: ultrasound lipoclasia, sports medicine, arthritis, artrosis, neuralgie and lumbago. Supplied with power cord and user's manual. Made in Italy.

• 28312 1 MHz ultrasound head Ø 60 mm

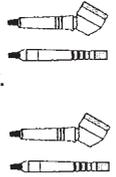
• 28314 1 MHz ultrasound thin head Ø 15 mm

1 MHz frequency is recommended for physiotherapy.

• 28313 3 MHz ultrasound head Ø 60 mm

• 28315 3 MHz ultrasound thin head Ø 15 mm

3 MHz frequency is recommended for aesthetics.



ELECTROTHERAPY: GIMA ET2 PROGRAMMABLE



STANDARD ACCESSORIES

4 cables for electrodes connections Power cable 2 m
 4 rubber electrodes 120 x 80 and 4 rubber electrodes 50 x 50
 4 cushioned bags for electrodes 120 x 80: and 4 bags 50 x 50
 3 velcro elastic belt in para rubber, length 1 m - 60 cm - 40 cm

• 28330 GIMA ET 2 programmable - 2 channels

ET 2 is a modern apparatus for electronic diagnosis and a vast field of low frequency electrotherapy applications. The varied impulsive current delivered by this unit can be used for therapy in painful syndromes and circulatory throngs as well as in the rehabilitation of muscular tissues and for invigorating hypertrophizing treatment in passive gymnastics for aesthetic purposes.

• 28332 Connecting cable

• 28333 Rubber electrodes 120x80 mm - box of 10

• 28334 Sponge bags for electrodes 120x80 mm - box of 10

• 28335 Rubber electrodes 50x50 mm - box of 10

• 28336 Sponge bags for electrodes 50x50 mm - box of 10

TECHNICAL SPECIFICATIONS

Current adjustment independent for each channel
 Programmable treatment from 1 to 99 minutes
 Action time: 1 ms - 5 sec (10 ms - 50 sec for FAR4)
 Repetition frequency: 1 - 500 Hz.
 Max current intensity impulsive: 60 mA - galvanic: 25 mA
 Operating voltage: 115/230 V - 50/60 Hz
 Size 470 x 250 x 150 mm Weight: 6 Kg
 Norms: EN 60601-1 (CEI62-5)/IEC601-2-10 (CEI62-24)
 Class I type BF 93/42 EEC

MIO-CARE 2-CHANNELS TENS - 20 PROGRAMS, 300 APPLICATIONS

• 28370 MIO-CARE TENS

- 2 independent channels simulator
 - Compensated biphasic square wave: avoid hazardous thermic effect of polarization
 - Digital easy to use keyboard
 - Remaining therapy time and programs instruction shown on graphic display
 - Internal rechargeable battery pack
 - Maximum intensity 200 mApp
 - Compliance with 93/42/EEC MDD (medical device CE0476)
- Supplied in a carrying bag with 2 connection cables, with splitters, 5 language user manual, 16 adhesive pads, internal rechargeable battery with battery charger.

• 28372 SQUARE PRE-GELLED ADHESIVE PADS 40x40 mm - spare

• 28373 RECTANGULAR PRE-GELLED ADHESIVE PADS 40x80 mm - spare

20 MEDICAL PROGRAMS, MORE THAN 300 APPLICATIONS

- | | |
|-----------------------------------|----------------------|
| Tens conventional (rapid) | Microcurrent |
| Tens endorphinic (delayed) | Stress incontinence |
| Tens maximum values | Urgency incontinence |
| Inflammatory | |
| Neck pain/cervicogenic headache | |
| Backache/sciatic pain | |
| Sprains/bruises | |
| Vascularization | |
| Muscle relaxant | |
| Haematomas | |
| Atrophy prevention | |
| Atrophy (trophism rehabilitation) | |
| Hand and wrist pain | |
| Plantar stimulation | |
| Epicondylitis | |
| Epitroclea | |
| Periarthritis | |



Dimensions:
 60 x 135 x 19 mm
 Made in Italy

IONO BASE PLUS - GALVANIC IONOPHORESIS

• **28306 IONO BASE - PLUS - 2 channels**

Local administration of medicines by ionophoresis, electric osmosis and treatment of hyper hydrosis (sweating disease) and cellulitis. Current generator for hydro galvanization, aesthetic shaping and against cellulitis slight blemish. Microprocessor controlled, with selection of parameters and internal programs it is characterized by its simplicity and safety of use, although it maintains characteristics of a professional equipment. Complete kit of accessories for treatment (see photo). It comes with ABS case and velcro elastic bands, rubber conductive electrodes 80x120mm and 50x50mm and envelopes sponges for electrodes. Made in Italy.

• **28335 RUBBER ELECTRODES 50 x 50 mm - box of 10**

• **28336 SPONGE BAGS for electrodes 50 x 50 mm - box of 10**

TECHNICAL SPECIFICATIONS

Size: 138 x 68 x 193 mm
 Operating Voltage: 230 V - 50/60 Hz
 Absorbed Max Power: 10 VA Max Output Current: 20 mA
 Safety class: II BF - C 93/42/EEC. Made in Italy.



28306



12-PROGRAM DIGITAL STIMULATOR - for AESTHETIC, REHABILITATION and SPORT

• **28308 STIM BASE PLUS - 12 programs - 2 channels**

Bipolar pulsing, square-wave current generator for muscle toning and stimulation as well as pain relief. Stim base is microprocessor controlled, with 2 output channels and 12 pre-set programs (5 sporting, 4 aesthetic and 3 rehabilitative). Sporting programs deliver balanced stimulation to single flexion-extension muscle actions. In aesthetic treatments the system uses the properties of the applied DC current to induce vasodilatation, lymphatic drainage, microcirculation renewal and toning with selective modeling. Therapy programs allow resolution of muscles micro trauma. Supplied in ABS case with all standard accessories shown in this picture.

• **28317 KIT OF 4 ELECTRODES - spare**

TECHNICAL SPECIFICATIONS

Size: 138x68x193 mm
 Operating Voltage: 230 V - 50/60 Hz
 Absorbed Max Power: 10 VA Max Output Current: 60 mA
 Safety class: II BF - C 93/42/EEC. Made in Italy.



28308

GIMA TENS

• **28360 TENS E-701 - dual channel**

• **28352 GIMA TENS with L.C.D. display**

GIMA Tens are transcutaneous electrical nerve stimulators controlled by a micro-processor. They relieve the symptoms of muscular pain, poor circulation, peripheral numbness, fatigue, stiff shoulder, neuralgia. Supplied in rigid case with instructions, 9 V battery, 2 patient leads, 4 adhesive electrodes.

• **28351 ELECTRODES FOR TENS - single patient**

40 x 40 mm - pack of 4 electrodes

• **28354 CABLE FOR TENS sold before 04.2002**

• **28353 CABLE FOR TENS sold after 04.2002**

• **32205 9V ALKALINE BATTERY**

TECHNICAL SPECIFICATIONS 28360/28352

Channel: dual, isolated between channels
 Wave form: asymmetrical bi-phasic square pulse
 Voltage: adjustable, from 0 to 4.2/5 Vrms (max output)
 Pulse Rate: adjustable, from 2 (28360) or 1 (28352) Hz to 150 Hz
 Pulse Width: adjustable, from 30 uS to 260 uS



28352

LCD display
 Programmable Tens, can store 5 programmes

All parameters are adjustable, including timer (1 to 60 minutes)



Precise adjustment of amplitude: intensity is increased by 1mA each step from 1 to 80 mA

Size 125 x 67 x 25 mm Weight 150 g



28352



28360



INFRALEX: THERAPEUTIC HEATING DEVICE

• **28650 INFRALEX 230V-50/60 Hz**

• **28651 SPARE BULB 7.5W**



Infrarex is a modern scientifically electronic therapeutic heating device which provides deep, infrared heat that can penetrate far below the surface of the skin to produce a shooting, comforting effect upon the nerves. It relieves muscular tension, reduce inflammation and provides pain relief without medication for many conditions such as: arthritis, bursitis, sinusitis, tennis elbow, back ache, neuralgia, muscular pains, aches, sprains, and other musculoskeletal aches.

Infrarex provides pain relief without medication, you will experience pain relief within 10-15 minutes. No concern for side effects, simple to be used.

NEBULIZERS FOR DOMESTIC USE

- 28130 HAPPYNEB I NEBULIZER - diaphragm 230V
- 28131 HAPPYNEB I NEBULIZER - diaphragm 110V
- 28132 HAPPYNEB II NEBULIZER - piston 230V- Faster-Jet
- 28133 HAPPYNEB II NEBULIZER - piston 110V - Faster-Jet
- 28135 HAPPYNEB III NEBULIZER - piston 230V

Happyneb new stylish and portable nebulizer for a quick and efficacious aerosol therapy.

Three versions available.

With piston (with or without Faster-Jet bulb) or membrane compressor.

Italian innovative shape and design

Reliable, practical and safe.

Noiseless and lubrication free. Unit includes an air filter to be replaced every 70 applications, and handle for easy carrying. It is built in accordance with European Standard EN 60601-1.

5 languages box and manuals.

Available in English, French, German, Italian, Spanish



28135

STANDARD ACCESSORIES

	28130 HAPPYNEB I	28132 HAPPYNEB II	28135 Happyneb III
Adult face mask:	1	1	1
Pediatric face mask:	-	1	1
Fasterjet bulb:	-	1	1
Nebjet bulb:	1	-	-
Mouthpiece:	1	1	1
Nasal prong:	1	1	1
Connection tubing:	1	1	1



TECHNICAL SPECIFICATIONS

	28130 - HAPPYNEB I	28132 - HAPPYNEB II	28135 - HAPPYNEB III
Compressor:	diaphragm - membrane	piston	piston
Voltage:	230V/50 Hz or 110V/60Hz		
Fuse:	T500 mA/250V	T1,6 A / 250V	T1,6 A / 250V
Operating pressure:	0.70 bar	1.1 bar	0.90 bar
Air flow:	8 l/min	15 l/min	14 l/min
Dimensions:		31 x 22 x 13 cm	
Weight:		2.3 kg	
Noise level		50 db	
Temporary use:		30/30 min. ON/OFF	
Class of risk		Ila	
Norms:		Class II, Type B	
Origin:		Italy	

EOLO NEBULIZER - PISTON

- 28097 EOLO NEBULIZER - piston

Innovative, portable, easy to use nebulizer for home use, recommended to nebulize antibiotics and bronchodilator drugs.

Plastic body with high thermal insulation.

Supplied with adult and pediatric face mask, bulb, mouthpiece, air tubing and air filter.

Made in Italy.

- 28095 FILTER - box of 20 pcs.



28097

TECHNICAL SPECIFICATIONS

28097 EOLO	28099 EASYNEB	
Operating voltage:	230V/50Hz/170VA	230V/50 Hz
Operating pressure:	1.1 bar	0.6 bar
Air flow:	14 l/min	12 l/min
Nebulization rate	0.4 ml/min	0.2-0.3 ml / min
Particle size	< 5 µm	3-5 µm
Max Pressure:	2.5 bar	2.5 bar
Dimensions:	22x14.5x12 cm - 1.7 kg	20x11.4x27.3 cm - 1.79 kg
Noise level	55 db	60 db
Class of risk	Ila	Ila
Norms:	Class II, Type B	Class II, Type B
Origin:	Italy	P.R.C.

EASYNEB NEBULIZER - PISTON

- 28099 EASYNEB NEBULIZER - piston

Low noise, long life powerful air compressor nebulizer, provided with thermal overload protection and auto shut off function. Lubrication free.

Fully portable, it is supplied with medicine cup, air tubing, adult and child mask, air filter and angled mouthpiece.

- 28100 FILTER - spare box of 100 pcs.



28099

NEBULIZERS FOR PROFESSIONAL AND HOSPITAL USE

HOSPINEB PROFESSIONAL NEBULIZER

- 28134 HOSPINEB PROFESSIONAL 230 V-50 Hz
- 28136 HOSPINEB PROFESSIONAL 230 V-60 Hz
- 28137 HOSPINEB PROFESSIONAL 110 V-60 Hz

This aerosol therapy appliance is designed mainly for clinical use and embodies all the dictates of modern aerosol therapy techniques.

Reliable and simple to use, can even be operated by unexperienced people.

TECHNICAL SPECIFICATIONS

Operating voltage: 230 V - 50 Hz - 50 VA 100 V - 60 Hz on request	Weight: 2.6 kg
Size: 19 x 17 x 28 cm.	Air Flow: 15 l/min
Max pressure: 350 kPa (3.5 bar)	Made in Italy
Noise level: 60 db	Class: I type A
Operating pressure: 0-130 kPa (0-1.3 bar).	

STANDARD ACCESSORIES

Sterilizable Fasterjet bulb in polypropylene
Sterilizable nasal prong in polypropylene
Sterilizable mouthpiece in polypropylene
Plastic adult and paediatric face mask
Tubing and connectors



28134

CONTINUOUS USE COMPRESSOR

• 28105 CORSIA PROFESSIONAL NEBULIZER - piston

A piston-type compressor nebulizer designed for continuous use, with high performance with any type of drug, ideal for intensive hospital and clinic use. It is recommended for

atomising antibiotics and bronchodilator drugs. Manufactured with high thermal and electric insulation plastic chassis in accordance with the latest European Safety regulations. The oil-free piston compressor has long durability and is equipped with the highly efficient HI-FLO jet nebulizer to guarantee quick and accurate drug delivery. Easy to handle and transport.

TECHNICAL SPECIFICATIONS

Operating Voltage: 230 V - 50 Hz (available also 60 Hz)	
Power consumption: 184 VA	
Max pressure: 250 kPa (2.5 bar)	
Air flow: 16 l/min	
Operating pressure: 130 kPa (1.30 bar)	
Operating air flow: 5.2 l/min at 130 kPa	
Nebulization rate: 0.50 ml/min with 4 ml solution	
MMAD: 3.25 µm	GSD: 3.45
Size: 255x190x h 105 mm	Weight: 2.2 kg
Noise level: approx 57 db	Made in Italy

STANDARD ACCESSORIES

HI-FLO Jet bulb	Mouthpiece
Adult and child mask	Air tube and air filter

CONTINUOUS USE COMPRESSOR



28105

VAPINAL INHALER

• 28110 VAPINAL INHALER

Warm jet mineral water inhaler ideal for home spring water inhalation treatment. Made of plastic material to facilitate electric and thermal insulation. The hot boiler chamber in stainless steel has a high armoured resistance and a safety thermostat. Supplied with polycarbonate ampulla, in a 4 colour deluxe box. Made in Italy

- 28112 VAPINAL AMPULLA - spare part

TECHNICAL SPECIFICATIONS

Capacity: 800 cc.
Steam boiler in stainless steel
Security valve and thermostat
Operating voltage: 230 V - 50 Hz - 600 Watt
Heating time: 5-8 min
Inhalation time (for 1 l): 12-15 min



28110

HUMIDIFIER

It conforms to all European norms on safety: double insulated tank, safety to avoid tank opening while working



• 28123 PHOBOS HUMIDIFIER

Ideal against dry air produced into overheated rooms. Easy check of water level and automatic shut off when water falls below minimum level. Easy to clean. Steam regulation. It is recommended for a room of 60 m³

TECHNICAL SPECIFICATIONS

Capacity: 3.5 litres. Autonomy: approx 17 hours
Operating voltage: 230V-50Hz.
Protection fuse. Made in Italy



28123

ULTRASONIC HUMID.

Sold in a 6 language box (English, Italian, French, Spanish, German, Portuguese)



28119

• 28119 BREVI ULTRASONIC HUMIDIFIER
Modern ultrasonic nebulizer with innovative features. Easy to use, with devices to control intensity and direction of spout of steam.

TECHNICAL SPECIFICATIONS

Operating voltage: 230 V - 50/60 Hz - 30 W
Tank capacity: 7 l Weight: 3.7 kg
Autonomy: 22 hours
Recommended for a room of 30 m²
Nebulizes 400 ml in 1 hour
Automatic mist-stop when tank is empty



FAMILY AND PINGOO ULTRASONIC NEBULIZERS



ULTRASONIC NEBULIZERS

Thanks to the innovative electronic technologies these easy-to-use ultrasonic nebulizers provide a quiet, fast and portable operation with optimal particle size.

Portable: small and lightweight, it allows patients to perform treatments anytime and anywhere.

Optimal particle size: particle size determines the extent to which the medication can be inhaled by the patient into the deep lung tissue.

Around 90% of particles generated by Family or Pingoo fall within the optimal 1-5µ (microns) size.

Fast treatment: with its high-efficiency design, it allows a quick treatment time, most within 6 minutes, with limited power consumption.

Low noise level: treatments are not only fast but are virtually silent due to its advanced ultrasonic technology.

8 languages user manual: English, French, German, Italian, Spanish, Portuguese, Greek and Arabic.



GIMA code	ULTRASONIC NEBULIZERS
28106	Family ultrasonic nebulizer
28117	Pingoo ultrasonic nebulizer
28113	Re-chargeable battery Ni Cd 12 VDC - Family
28115	Re-chargeable battery Ni Cd 12 VDC - Pingoo
28114	Spare Kit: includes adult and paediatric facemask, nasal prong, mouthpiece and tube
28121	Medication cups Family (box of 15 pcs.)
28122	Medication cups Pingoo (box of 15 pcs.)



TECHNICAL SPECIFICATIONS	
Operating voltage:	220-240 V 50/60 Hz. Power: 10 W
Ultrasonic frequency:	2.5 MHz.
Nebulization time:	0.2-0.7 ml/min depending on medication density
Medication cups capacity:	max 8 ml Family, max 4.5 ml Pingoo
Automatic switch-off:	
Particle size:	5 µ (microns) average
Three programmable flow levels	
Noise level:	<40 dB

STANDARD ACCESSORIES	
Adult facemask (only Family)	Medication cups
Pediatric facemask	Transformer (220-240V-12V DC)
Nasal prong, Mouthpiece	Carrying bag
Connection tube	User manual

POCKET ULTRASONIC NEB



- 28080 POCKET ULTRASONIC NEBULIZER
 - 28081 MEDICINE CUPS - box of 50
- Small, handy, light weight, portable nebulizer, that can operate with standard AA batteries (conventional or rechargeable) instead of expensive dedicated rechargeable batteries or AC adaptor 100-240 V. Two adjustable nebulization rate. Provides optimal treatment for all kinds of medication with different density. Supplied in a nylon carrying bag with AC adapter adult and child mask, mouthpiece 10 medicine cups, and transformer.

STANDARD AA BATTERY OPERATED

TECHNICAL SPECIFICATIONS	
Operating voltage:	DC 6 V (4xAA alkaline batteries)
AC adaptor: input:	100-240 V - 50/60 Hz AC/Output: 12 V / 700 mAh
Rechargeable battery:	4xAA NiMH rechargeable batteries / 2000 mAh (90 minutes)
Ultrasonic Frequency:	2.5 MHz
Medication cups capacity:	≤ 6 ml
Nebulization rate:	2 speed adjustable
- 1st level -	0.3 ml/min - 2nd level - 0.5 ml/min
Particle size:	3-5 µ (microns)
Treatment time:	5-6 min (2-3 ml)
Sound level:	≤ 50 db

PROFESSIONAL ULTRASONIC NEB

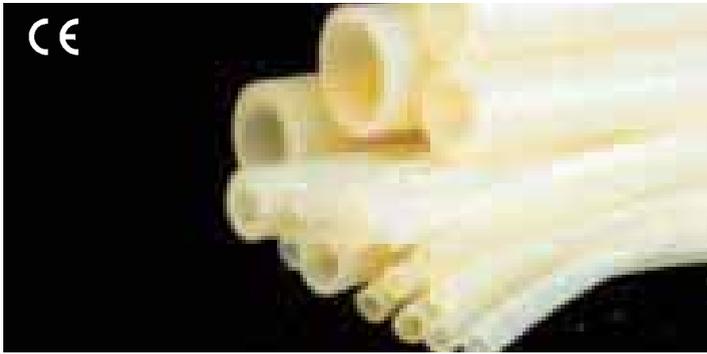
- 28085 PROFESSIONAL ULTRASONIC NEBULIZER
 - 28086 MEDICINE CUPS - box of 50
- Desktop professional ultrasonic nebulizer. Supplied with flexible nose, adult and child mask, mouthpiece and 10 medicine cup.
- 3-speed nebulization rate control - provides optimal treatment for all kinds of medication with different density.
 - Specialized design - with rotatable air outlet to suit all kinds of treatment.



FOR LONG TIME CONTINUATIVE USE

TECHNICAL SPECIFICATIONS	
Operating voltage:	230 V-50 Hz.
Power consumption:	≤ 30 VA
Medication cups capacity:	≤ 10 ml
Nebulization rate:	3 speed adjustable
	0.3-0.6 ml/min
	0.6-0.9 ml/min
	0.9-1.2 ml/min
Particle size:	3-5 µ (microns)
Ultrasonic frequency:	2.5 MHz±100Khz
Size:	220x110x205 mm - 1.3 Kg

MEDICAL GRADE SILICONE TUBES FOR EXTERNAL USE



SILICONE TUBES for external medical use - silicone 100%
 Suitable for autoclaving (135°C - 2.2-2.5 bar) and Gamma Sterilization. Heat resistant in hot air up to 200°C. Infra-red vulcanization. Hours treatment at 200°C temperature in special oven. Anti-adherent, avoid incrustation and coagulation. Medical Grade - Transparent - Odourless

TECHNICAL SPECIFICATIONS

Raw material: HTV-R-402/60 E - WACKER (D)
 Colour: translucent
 Hardness: 60° +/-5% Shore - DIN 53505
 Density: 1.17 g/ccm - DIN 53479A
 Tensility: 10.8 N/mm2 - DIN 53504 S1
 Stretch: 490/530% - DIN 53504S1
 Tear resistance: 34-35 N/mm - ASTM D 624 B
 Reverse pull elasticity: 51% - DIN 53512
 Compression set: (22h/175°C): 30-15% - DIN 53517

Made in European Union according to: US PHARMACOPEA XXI
 EUROPEAN PHARMACOPEA DIN 58367 - DIN 58362 - DIN 13098-
 FDA 177.2600 - BGA XV part A and B - BGA IX part B

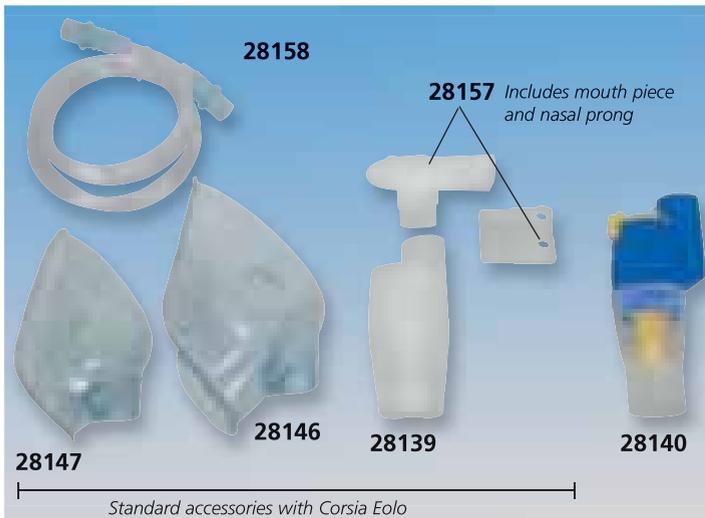
GIMA code	Internal diameter x external diameter	Thickness mm	Minimum order
25830	1x3 mm	1 mm	100 m
25831	2x4 mm	1 mm	100 m
25832	3x5 mm	1 mm	100 m
25833	4x6 mm	1 mm	100 m
25835	6x8 mm	1 mm	30 m
25840	4x7 mm	1.5 mm	30 m
25841	5x8 mm	1.5 mm	30 m
25842	6x9 mm	1.5 mm	30 m
25843	7x10 mm	1.5 mm	30 m
25844	4x8 mm	2 mm	30 m
25845	6x10 mm	2 mm	30 m
25846	8x12 mm	2 mm	30 m
25847	10x14 mm	2 mm	30 m
25848	5x10 mm	2.5 mm	30 m
25849	7x12 mm	2.5 mm	30 m
25850	6x12 mm	3 mm	30 m
25855	7x13 mm	3 mm	30 m
25851	8x14 mm	3 mm	30 m
25852	9x15 mm	3 mm	30 m
25853	10x16 mm	3 mm	30 m
25854	12x18 mm	3 mm	30 m
25857	8x15 mm	3.5 mm	30 m
25860	made to order		500 m

MADE TO ORDER SILICONE TUBES
 We can manufacture any size
 (minimum order 500 m - delivery 30 days)

ACCESSORIES FOR ANY BRAND OF NEBULIZER

ACCESSORIES FOR NEBULIZER

Gima offers different nebulizer bulbs with their line of accessories, suitable for any brand of nebulizer.



GIMA code	NEBULIZER ACCESSORIES	To be used with
Standard accessories with Famiglia, Corsia, Eolo		
28158	PVC connection tube - 1m	all nebulizers
28139	Nebulizer bulb	all nebulizers
28146	Facemask - adult - replaces 28143	bulb 28139/28140
28147	Facemask - paediatry - replaces 28144	bulb 28139/28140
28157	Mouthpiece - nasal prong	bulb 28139/28140
28138	Nebulizer kit	all nebulizers
	adult and pediatric facemask, pvc-tube, bulb, nasal prong, mouthpiece	
28140	Nebulizer bulb	all nebulizers

FASTERJET BULB with Valve System

A new designed Jet Nebulizer capable of delivering any medication in a very short time with a high amount of respirable particles.

The Valve System makes therapy extremely efficient by reducing the amount of wasted medication while optimizing the output to the patient.



Faster-jet bulb: for delivering any medication in a very short time



GIMA code	NEBULIZER ACCESSORIES	To be used with
28163	Fasterjet bulb* with Valve System	all nebulizers
28164	Nebjet bulb ** with Double Venturi Effect	all nebulizers
28165	Mouthpiece bi-valve	bulb 28163
28166	Mouthpiece	bulb 28164,
28167	Nasal Prong	bulb 28164, 28163
28168	Facemask-adult	bulb 28164, 28163
28169	Facemask-pediatry	bulb 28164, 28163
28145	Hidrofobic, 99%antibacteric filter	28130/1/2/3/4/5

* Standard with Happyneb II, Hospyneb
 ** Standard with Happyneb I, III, Betaneb



FDA Approved

RES-Q-VAC FILTERED HAND SUCTION

• 28124 RES-Q-VAC (FILTERED) SUCTION

This lightweight and hand held suction unit requires no batteries or electricity and yet provides powerful suction whenever and wherever you need it.

It offers ultimate safety and ease of use for the professional and fits easily into any emergency bag or ambulance.

Key Features:

- Portable Hand Powered Suction - one hand operation
- Hospital suction level performance >600mmHg
- Always ready to go, no set up required, no batteries to recharge
- Patented 0.22 equivalent micron filter for ultimate infection control
- Easy snap on replacement canister sets with Adult and Child catheters
- Each unit 100% tested for reliability



28124

0.22 micron filter

Jar 300 ml

TECHNICAL SPECIFICATIONS

Weight: 143 g
 Size: 114 x 180 x 55 mm.
 Max vacuum: > 600 mmHg
 Min. vacuum after 2 activations: > 400 mmHg
 Capacity before full: 290 ml
 Inner Ø of adult catheter: 9.53 mm
 Length of adult catheter: 272 mm
 Suitable for cold or ETO sterilization



28128

28129

Kit includes: Res-q-Vac pump, canister 300 ml with filter, soft cannula Ø 12.7 mm

- **28128 SPARE ADULT KIT - with filter**
Includes canister 300 ml and wide soft adult style yankauer.
- **28129 SPARE PEDIATRIC KIT - with filter**
Includes canister 300 ml and 2 pediatric catheters with different length: 356 mm for paediatric and 88.9 mm for neonatal applications.

HAND/FOOT/KNEE SUCTION PUMP

• 28220 TOBI MANUALE - manual suction aspirator

Independent of any power source, Tobi Manuale is simple to operate pressing pedal by foot, hand or knee.

It is used to clear patient's airways safely and efficiently, anytime, anywhere. Precision and solidly built to assure long service life. Polycarbonate suction bottle with capacity 400cc, autoclavable at 120°C and spill-over protection. Bacterial filter included.

Jar 400 ml



- 28219 BOTTLE 0.4 l - spare
- 28229 HYDROPHOBIC ANTIBACTERIAL FILTER - spare



28220

TECHNICAL SPECIFICATIONS

Weight: 1.2 kg Max suction - 0.40 bar Bottle capacity: 400 cc
 Size: 225 x 165 x 85 mm Suction power: 22 l/min Made in Italy

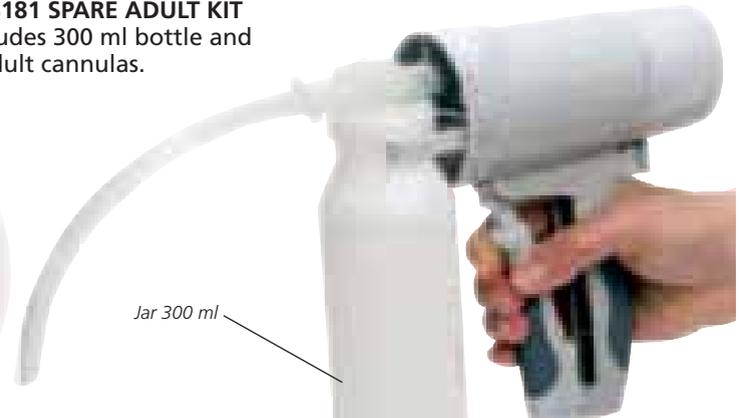
HAND SUCTION PUMP

• 28180 HAND SUCTION UNIT

Designed to provide quick and effective pharyngeal and tracheal suction for emergency use.

The adjustable stroke knob provides different suction pressure.

- **28181 SPARE ADULT KIT**
Includes 300 ml bottle and 2 adult cannulas.



Jar 300 ml

TECHNICAL SPECIFICATIONS

Max vacuum -450 mmHg Weight: 260 g
 Peak free airflow:>20 l/min. Size: 185 x 70 x 168 mm
 External diameter of catheter connection: 13 and 6 mm

BREAST PUMP - MAMILAT GIMA

• 28148 MAMILAT - BREAST PUMP

Easily transportable from one maternity ward to another, or for use at home. To be used for mother's milk suction. Made of highly heat-resistant, electrically insulated plastic material in conformity with the latest European safety standards. Supplied with 2 polycarbonate milk bottles (150 cc and 250 cc) antibacterial and hydrofobic filter, set of tubes 6x10 mm, breast shield, PVC air tube. Suction adjustment knob. Working time: 20 minutes ON, 40 minutes OFF.

- **28149 SPARE KIT**
Includes two plastic bottles (125 cc and 250 cc) and filter.
- **28229 HYDROPHOBIC ANTIBACTERIAL FILTER - spare**

TECHNICAL SPECIFICATIONS

Regulator for suction intensity - max suction -0.33 bar
 Operating voltage: 230 V - 50 Hz
 Max flow (air litres/min): 14 l/min
 Power consumption: 184 VA
 Size: 235 x 190 x 165 mm Weight: 2.2 kg
 Norms: CEI 62-5 (IEC601-1). Made in Italy

Supplied with anti-bacterial filter

5 languages manual:
 Italian, English,
 Spanish, French,
 German.



28148

BATTERY SUCTION ASPIRATORS

- 28240 SUPER TOBI BATTERY - plastic case - 16 l/min.
- 28190 SUPER VEGA BATTERY - plastic case - 30 l/min.
- 28213 TROLLEY FOR SUPER VEGA

With incorporated rechargeable batteries. It can operate at 12 V power supply at rechargeable batteries and, thanks to an electronic system, at 230 V while recharging batteries
Autonomy: approx 45-50 minutes.
Recharging time: 120-150 minutes.
Max suction: -75 bar

Suction power: 16 air litres/min
It has unbreakable 1,000 ml standard bottle (2,000 ml optional) autoclavable at 120°C with safety float control valve to prevent overflow.

TECHNICAL SPECIFICATIONS SUPER TOBI / SUPER VEGA

Operating Voltage: 230 V AC - 12 V DC
Size: 370 x 220 x 210 mm (28240)
350 x 210 x 180 mm (28243 / 28190)
Weight: 5.5 kg (28240) 4.9 kg (28243 / 28190)
Max suction -0.75 bar (563 mm/Hg)
Suction power: 16 air litres/min (28240 / 28243)
30 air litres/min (28190)
Norms: IEC 601-1 - Class II Type B. Made in Italy



28240



Cable to recharge battery from power supply

Cable to recharge batteries from car

CE 0123



1 l jar with overflow safety valve

30 l/min.

28190

STANDARD ACCESSORIES

Bottle 1 l - autoclavable at 120°C
Silicone tubing set
Suction catheter
Anti-bacteria filter
Cable to recharge batteries from power supply
Cable to recharge batteries from car
User manual (English, French, Spanish, German, Italian)

- 28241 MINI ASPEED BATTERY - metal case - 18 l/min
 - 28206 MINI ASPEED BATTERY PRO - metal case - 30 l/min
- Portable medical device for professional surgical aspiration.
- It can operate at 12 V (car..) power supply, rechargeable batteries or directly by mains supply.
 - Its two cylinders electro-compressor ensures high performances and long life.
 - Up to 45 min. of autonomy with fully charged battery.
 - With 99% antibacterial hydrophobic filter
 - Equipped with autoclavable jar with safety valve, disposable suction liner and carrying case.
- 25850 SILICONE TUBE 6X12 - minimum 30m
 - 28254 ADAPTOR FOR CATHETER
 - 28255 HYDROPHOBIC 99% BACTERIAL FILTER
 - 28258 AUTOCLAVABLE JAR 1000m (with cover)
 - 28259 DISPOSABLE SUCTION LINER

Disposable suction liner inside autoclavable jar

TECHNICAL SPECIFICATIONS MINI ASPEED

Operating Voltage: 100-240 V 50/60 Hz AC - 14 V DC 4.28 A
Size: 370 x 100 x 240 mm Weight: 5.8 kg (include kit)
Max suction - 0.80 bar (650 mm/Hg)
Suction power: 30 air litres/min. (28206) 18 air l/min. (28241)
Sound level: 65 db
Norms: MDD 93/42/ECC (class IIa - annex IX)
IEC 60601-1, UNI ENISO 10079-1
Made in Italy

STANDARD ACCESSORIES

Autoclavable jar 1000 cc
Silicone tubing set Ø 6x12 mm
Disposable suction liner
Sterile cannula
Anti-bacteria hydrophobic filter
Multivoltage battery charger
Cigarette lighter power cord.
Shoulder carrying bag
User manual (English and Italian)

28258 + 28259

30 l/min.



CE 0123

28206



Disposable suction liner, Autoclavable jar, Aspirator, Carrying bag

28259 28258

SUPERVEGA SUCTION ASPIRATOR ON TROLLEY

CE 0123

Vacuum indicator
Max suction:
600 mm Hg - 0.80 bar



Adjustable suction knob

Fixed height 75 cm

28191

2 l jar

- 28191 SUPER VEGA on trolley - suction 2x2 l jar
 - 28192 SUPER VEGA on trolley - suction 2x2 l jar with footswitch
- Continuously adjustable vacuum, with indicator.
Silicone connection tube. 2 jars 2 litres, made of sterilizable polycarbonate (autoclavable at 120°C).
Working time: 120 min ON, 60 min. OFF.
Suction power: 40 air litres/min.
Steel painted frame, fitted with 5 star base.
Norms CEI 62-5 (IEC 601-1) - Class II - Type B
- 28239 HYDROPHOBIC 99% BACTERIAL FILTER

TECHNICAL SPECIFICATIONS

Size: 32 x 30 x 90 h cm Weight 6.2 kg
Operating voltage: 230 V - 50 Hz.; other on request
Power consumption: 110 VA
Maximum suction: - 0.80 bar (600 mm Hg)
Flow: 40 air litres/minute
Temporary use: 120 on - 60 off
Norms CEI 62-5 (IEC 601-1) - CEI 93/42 EEC
User manual (English, French, German, Italian, Spanish)
Made in Italy

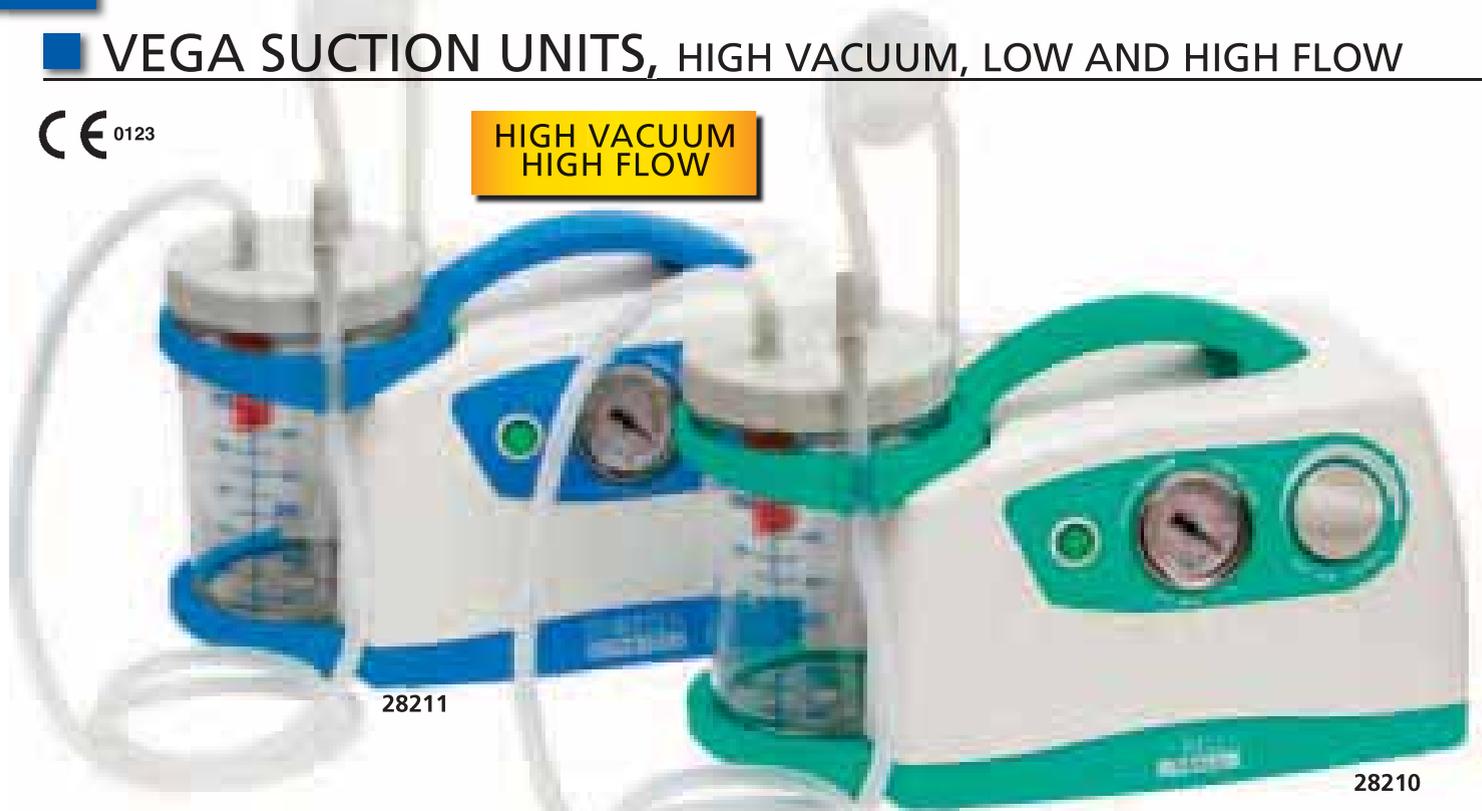


Supervega on trolley with disposable jars 28272/3 and 28274/5. See page 85

VEGA SUCTION UNITS, HIGH VACUUM, LOW AND HIGH FLOW



**HIGH VACUUM
HIGH FLOW**



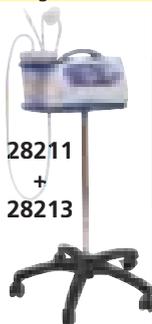
• VEGA SUCTION UNITS

A line of stylish, compact and reliable aspirators for small surgery. Silent, high flow and maintenance - free pumps allow long product life and durability. Recommended for nasal aspiration, oral aspiration, tracheal aspiration of body liquids (mucus, catarrh or blood) in adults or children. Equipped with vacuum regulator continuously adjustable, vacuum indicator, unbreakable 1,000 ml or 2,000 ml bottle, autoclavable at 120°C, with safety float control valve to prevent overflow. Manufactured in electric and thermal insulated plastic body.

Autoclavable and disposable collection system: In addition to standard autoclavable jar is available a disposable collection system composed by a rigid reusable container and a polyethylene disposable liner with cover, ermetically sealed, and hydrophobic, antireflux, bacterial filter operating as an overflow valve.

	TECHNICAL SPECIFICATIONS		
	28209 VEGA UNO	28210 VEGA	28211 SUPERVEGA
Operating Voltage:	230 V - 50 Hz 110 V - 60 Hz (on request)	230 V - 50 Hz 110 V - 60 Hz (on request)	230 V - 50 Hz 110 V - 60 Hz (on request)
Power consumption:	184 W	184 W	106 W
Bottle capacity:	1000 ml	1000 ml	1000 ml or 2000 ml
Flow (air litres/min):	15 l/min	16 l/min	40 l/min
Max suction:	-0.75 bar (563 mm/Hg)	-0.75 bar (563mm/Hg)	-0.80 bar (600mm/Hg)
Temporary use:	20/40 min on/off	30/30 min on/off	120/60 min on/off
Size:	25x19x16.5 cm	35x21x18 cm	35x21x18 cm
Weight:	2.2 kg	2.5 kg	3.6 kg
Norms:	93/42/ECC	93/42/ECC	93/42/ECC
Origin:	Italy	Italy	Italy

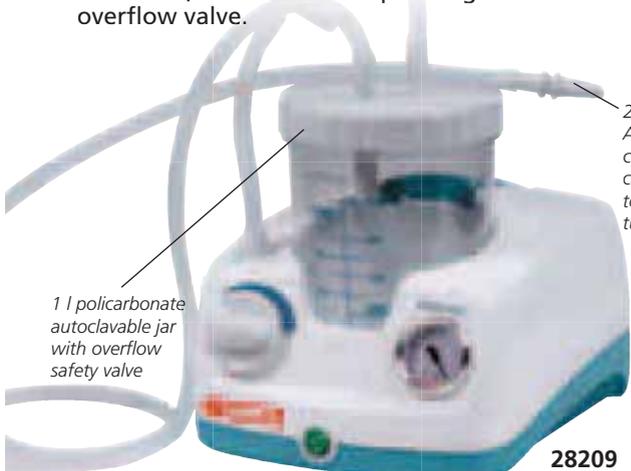
GIMA code	VEGA SUCTION ASPIRATOR	Operating power	Flow
28209	Vega Uno	230 V - 50 Hz	15 l/m
28210	Vega	230 V - 50 Hz	16 l/m
28211	Super Vega 1l	230 V - 50 Hz	40 l/m
28212	Super Vega 2l	230 V - 50 Hz	40 l/m
-	Super Vega 1l - on request	110 V - 60 Hz	40 l/m



GIMA code	SPARE ACCESSORIES FOR VEGA AND TOBI LINE
28229	Hydrophobic, 99% antibacterial filter
28226	Autoclavable jar 1 l with cover and overflow valve system
28236	Autoclavable jar 2 l with cover and overflow valve system
28227	Cover and overflow valve system for 28226 and 28236
28273	Disposable liner 2 l (cover + bag)
28272	Container for disposable liner
25845	Silicone tube 6x10 mm - minimum order 30 m
28252	Adaptor to connect catheter to silicone tube
	Suction catheter - see at page
28213	Trolley for Vega and Super Vega

STANDARD ACCESSORIES

- Autoclavable jar (1 or 2 l) with overflow valve system
- Antibacterial and hydrophobic filter
- Set of silicone tubes 6x10 mm
- Conical connector for probes
- 5 languages user manual (English, French, German, Italian, Spanish)



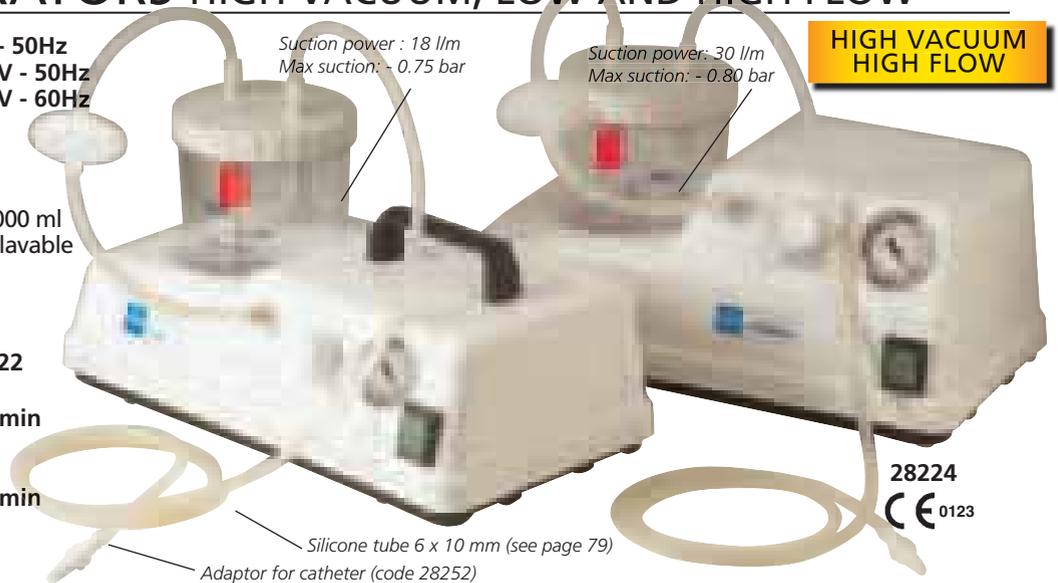
1 l polycarbonate autoclavable jar with overflow safety valve

28252 Adaptor to connect catheter to silicone tube

SUCTION ASPIRATORS HIGH VACUUM, LOW AND HIGH FLOW

- 28222 TOBI - suction aspirator 230V - 50Hz
- 28224 SUPER TOBI - suction asp. 230V - 50Hz
- 28225 SUPER TOBI - suction asp. 110V - 60Hz

Portable suction aspirators, ideal for tracheotomy and small surgery. Vacuum continuously adjustable with vacuum indicator. Have unbreakable 1,000 ml standard bottle (2,000 ml optional) autoclavable at 120°C with safety float control valve to prevent overflow. Silicone connection tube. ABS plastic case. Made in Italy



**HIGH VACUUM
HIGH FLOW**

Tobi: suction power 16 air litres/min
max suction -0.75 bar

Super tobi: suction power 40 air litres/min
max suction -0.80 bar

See spare accessories at page 82 and other accessories at page 84

STANDARD ACCESSORIES

	Tobi	Super Tobi
Bottle 1000 ml with cover	1	1
Antibacterial Filter	1	1
Suction catheter	1	1
Silicon Tube set	1	1
User manual*	1	1

* User manual is provided in 5 languages: English, Spanish, French, German and Italian.

TECHNICAL SPECIFICATIONS

	28222 Tobi	28224/28225 Super Tobi
Operating voltage:	230 V - 50 Hz	230 V - 50 Hz or 110 V - 60 Hz
Power consumption:	184 W	106 W
Bottle capacity:	1000 ml	1000 ml
Flow (air litres/min):	18 l/min	40 l/min
Max suction:	-0.75 bar (563mm/Hg)	-0.80 bar (600mm/Hg)
Working time: minutes	20 ON / 40 OFF	120 ON / 60 OFF
Size (cm):	37x22x21 cm	37x22x21 cm
Weight:	3.5 kg	5.25 kg
Norms:	IEC 601-1	IEC 601-1

PROFESSIONAL ASPIRATORS WITH METAL BOX - HIGH VACUUM

- 28244 ASPEED - suction - 230 V - single pump
- 28245 ASPEED PROFESSIONAL - suction - 230 V - double pump
- 28246 ASPEED PROFESSIONAL - suction - 110 V - double pump

For professional surgical aspiration. It requires no maintenance or lubrication and is ideal for clinical use. The piston-type electric aspirator gives high performance and great durability. It is equipped with a protective thermal cut-out relay. It is also equipped with motor-protector cap that totally prevents aspirated liquids or secretions from reaching and damaging the vacuum pump.

- 28255 HYDROPHOBIC 99% BACTERIAL FILTER
- 28258 AUTOCLAVABLE JAR 1l with cover - since 2007
- 28259 DISPOSABLE SUCTION LINER
- 25850 SILICONE TUBE 6 X 12 mm - min. order 30 m
- 28254 ADAPTOR to connect catheter to silicone tube



STANDARD ACCESSORIES

Autoclavable polycarbonate jar 1000 cc with safety valve (overflow protection)
Disposable suction liner
99% Antibacterial hydrophobic filter
Sterile cannula
Sterile manual regulator
Set of atoxic sterilizable silicone tubes
Power Cable
User Manual (English, Italian, French, German, Spanish)

TECHNICAL SPECIFICATIONS

	28244	28245/28246
Operating Voltage:	230V-50 Hz	230V-50 Hz/110V-60 Hz
Bottle capacity:	1 l	1 l
Flow:	15 air l/min	22 air l/min
Max suction		- 0.85 bar
Size:		18.5x33x21 cm
Weight:	3.5 kg	4.5 kg
Material:		Metal case
Sound level:	55 dBA	65 dBA
Norms:		Class I Type B



**28258
+
28259**

HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPIRATOR



Standard Clinic Plus and Hospi Plus



Clinic Plus and Hospi Plus with foot switch and flow direction regulator

New innovative range of high vacuum, high flow aspirator ideal for hospitals. Pump piston type, lubrication and maintenance free. Supplied with hydrophobic 99% bacterial filter, vacuum gauge for control of vacuum and 2 autoclavable jars (2 or 4 litres) made in makrolon with 200/400 ml graduation and double security valve. Available on request 2 or 3 litres disposable liners. Range includes version with foot switch and flow direction regulator, 110 and 230 V. Four

TECHNICAL SPECIFICATIONS

	Hospi plus	Clinic plus
Operating voltage:	110 V or 230 V - 50/60 Hz	230 V - 50/60 Hz - 110 V on request
Maximum suction:	- 0.90 bar (675 mm/Hg)	- 0.90 bar (675 mm/Hg)
Flow:	90 l/min	60 l/min
Power:	300 VA	230 VA
Norms:	CEI 62-5 (IEC 601-1)	CEI 62-5 (IEC 601-1)
	93/42 EEC. Made in Italy	93/42 EEC. Made in Italy



Size: 460x850x420 mm
Weight: 20 Kg

antistatic castors, two of which with brake, allow a perfect mobility. User manual in English, French, German, Italian, Spanish. See spare accessories at page 85.

GIMA code	CLINIC PLUS / HOSPI PLUS	Jar	Power	Foot switch	Flow direction regulator
28194	CLINIC PLUS - suction aspirator	2x2l	230 V	-	-
28196	CLINIC PLUS - suction aspirator	2x4l	230 V	-	-
28198	CLINIC PLUS - suction aspirator	2x4l	230 V	yes	yes
28200	HOSPI PLUS - suction aspirator	2x2l	230 V	-	-
28199	HOSPI PLUS - suction aspirator	2x2l	110 V	-	-
28201	HOSPI PLUS - suction aspirator	2x4l	230 V	-	-
28203	HOSPI PLUS - suction aspirator	2x2l	230 V	yes	yes
28204	HOSPI PLUS - suction aspirator	2x4l	230 V	yes	yes

ACCESSORIES FOR ANY SUCTION ASPIRATOR

Autoclavable at 134 °C up to 100 times



GIMA code	SILICONE VACUUM SUCTION - AUTOCLAVABLE
29980	Silicone vacuum suction Ø 60x210 mm
29981	Silicone vacuum suction Ø 70x210 mm



GIMA code	STAINLESS STEEL CANNULA
26795	Stainless steel Frazier suction cannula Ø 2 mm
26796	Stainless steel Frazier suction cannula Ø 3 mm
26793	Stainless steel Frazier suction cannula Ø 4 mm
26794	Stainless steel Frazier suction cannula Ø 5 mm
26797	Stainless steel Rosen suction cannula Ø 1.5 mm
26798	Stainless steel Rosen suction cannula Ø 3 mm
26799	Adaptor with Luer tip and thumb valve
26807	Stainless steel Novak suction cannula for Gyn

28248

Available on request other sizes and length 60 cm



GIMA code	SUCTION CATHETER-STERILE
28247	Suction catheter CH 14 Ø 4.66 mm x 48 cm
28248	Suction catheter CH 16 Ø 5.33 mm x 48 cm
28249	Suction catheter CH 18 Ø 6.0 mm x 48 cm
28250	Suction catheter CH 20 Ø 6.6 mm x 48 cm



GIMA code	STAINLESS STEEL ASPIRATION TUBE
28262	S/S Bierer Aspiration tube Ø 8 mm
28264	S/S Bierer Aspiration tube Ø 12 mm
28260	Set of uterine aspiration cannulas: each set is composed of 3 cannulas with side suction end (Ø 7,10,11 mm) and one handle

28262

HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPIRATOR



CE 0123

28232



CE 0123

2 l. jar

28231

Ideal for hospital, these suction aspirators are manufactured in ABS. Four antistatic castors, two of which with brakes, to allow perfect mobility.
 Vacuum gauge for the control of vacuum (1 bar). 2 or 4 litre jar made of autoclavable makrolon, with 200/400 ml. graduation. Each jar with double security valve.
 Pump piston type, lubrication and maintenance free.
 With anti bacterial filter. Available model with footswitch and other operating voltage (110 V).
 User manual in English, French, German, Italian, Spanish.

GIMA code	TOBI CLINIC / HOSPITAL	Jar	Power	Foot switch
28231	TOBI CLINIC - suction aspirator	2x2l	230 V	-
28214	TOBI CLINIC - suction aspirator	2x2l	230 V	yes
28215	TOBI CLINIC - suction aspirator	2x4l	230 V	-
28216	TOBI CLINIC - suction aspirator	2x4l	230 V	yes
28232	TOBI HOSPITAL - suction aspirator	2x2l	230 V	-
28202	TOBI HOSPITAL - suction aspirator	2x2l	230 V	yes
28233	TOBI HOSPITAL - suction aspirator	2x4l	230 V	-
28234	TOBI HOSPITAL - suction aspirator	2x4l	230 V	yes
28235	TOBI HOSPITAL - suction aspirator	2x2l	110 V	-

TECHNICAL SPECIFICATIONS

	Hospital (28202-28232/3/4/5)	Clinic (28214/5/6, 28231)
Size:	55 x 45 x h 65 cm	46 x 42 x h 60 cm
Weight:	20 Kg	13 Kg
Operating voltage:	110 V or 230 V - 50/60 Hz	110 V or 230 V - 50/60 Hz
Maximum suction:	- 0.90 bar (675 mm/Hg)	- 0.90 bar (675 mm/Hg)
Flow:	90 l/min	60 l/min
Norms:	CEI 62-5 (IEC 601-1) 93/42 EEC. Made in Italy	CEI 62-5 (IEC 601-1) 93/42 EEC. Made in Italy



CE 0123

Anti-Bacterial filter

Available with footswitch

4 l jar

28234

GIMA code	ACCESSORIES FOR CLINIC/HOSPITAL, CLINIC PLUS, HOSPI PLUS	To be used with
28237	Hydrophobic, 99% bacterial filter	Hospital/ Hospi plus
28239	Hydrophobic, 99% bacterial filter	Clinic/Supertobi Trolley
28236	Autoclavable bottle 2l with cover overflow system	All 2 l aspirators
28227	Cover 2l with overflow valve system	28236
28228	Autoclavable* bottle 4l with cover overflow system	All 4 l aspirators
28223	Cover 4l with overflow valve system	28228
28272	Container for disposable liner 2l	All 2 l aspirators
28273	Disposable liner 2l cover+bag	28272
28274	Container for disposable liner 3l	Clinic/Hospital plus 2l
28275	Disposable liner 3 l cover+bag	28274
25851	Silicone tube 8x14	Clinic/Hospital
28253	Adapter to connect catheter to silicone tube	28251
	Suction catheter see at page 84	28253

*Bottles are autoclavable at 120°C

Cover 4 l with overflow valve system 28223

Cover 2 l with overflow valve system 28227



28228 Autoclavable jar 4 l with cover overflow system (includes 28223)



28236 Autoclavable jar 2 l with cover overflow system (includes 28227)



28273 Disposable liner 2 l cover + bag + 28272 Jar for disposable liner

28253 Adapter to connect catheter to silicone tube

28239 Hydrofobic 99% bacterial filters

GIMA FOETAL POCKET DOPPLERS - MADE IN U.K.



29503

• 29502 GIMA FOETAL DOPPLER G2002

Small, lightweight, high sensitivity pocket Doppler, with 2 MHz foetal probe, ideal for General Practitioner's or Midwife's use for routine antenatal foetal detection.

Pocket Doppler can be used to detect the beating foetal heart from about 10th week of gestation. It may be used to locate the position of the placenta, thus aiding in the early diagnosis of placenta praevia, to survey blood flow of the umbilical cord and to diagnose multiple pregnancies. Foetal signals are easily located using the lightweight narrow beam transducer while internal signal processing minimizes noise artefacts. Audio foetal heart signals are available to the user via the built-in loudspeaker or option headset, with output level controlled by rotary volume control.

• 29511 ON/OFF MEMBRANE SWITCH for code 29502

• 29503 GIMA FOETAL DOPPLER D2003 with display

Pocket foetal doppler with same specification as code 29502 but with built-in foetal heart rate processing. Foetal heart rate (FHR) is displayed on a large LCD display whilst internal signal process minimises noise artefacts.

• 29505 GIMA FOETAL DOPPLER D2005 with display and waterproof probe

Same as code 29503 but waterproof (probe and main unit). All units are supplied in a nice bag with a tube of coupling gel and user manual in English, Spanish, French, German, Italian, Greek, Portuguese.



29502

TECHNICAL SPECIFICATION (CODES 29502 - 29503 - 29505)

Ultrasound	Frequency: 2 MHz continuous wave Transducer: 2 crystal narrow beam Output power: <10mW/mm ² SATA Audio Response 300Hz -1 KHz Fetal heart rate: multipoint real time autocorrelator (only code 29503 and 29505)
Unit Controls	Keys: 1 Key (for unit on/off) Controls: rotary volume
Indicators:	3 digit FHR LCD display (codes 29503, 29505) FHR pulse icon (codes 29503, 29505), Battery low icon
Power supply	Battery 9 V Alkaline Manganese Expected battery life: >6 hours (codes 29503, 29505) >9 hours (codes 29502)
Output	Headset: Audio output to optional headset Serial: RS232 interface (codes 29503, 29505)-jack 35 mm
Material: ABS / Noryl Size: 150 mm by 75 mm Weight: 295 g (with transducer) Classification: Class I Type B - IEC 60601-1 CE 0120 Warranty: 1 year Made in UK	

SONOTRAX DOPPLERS

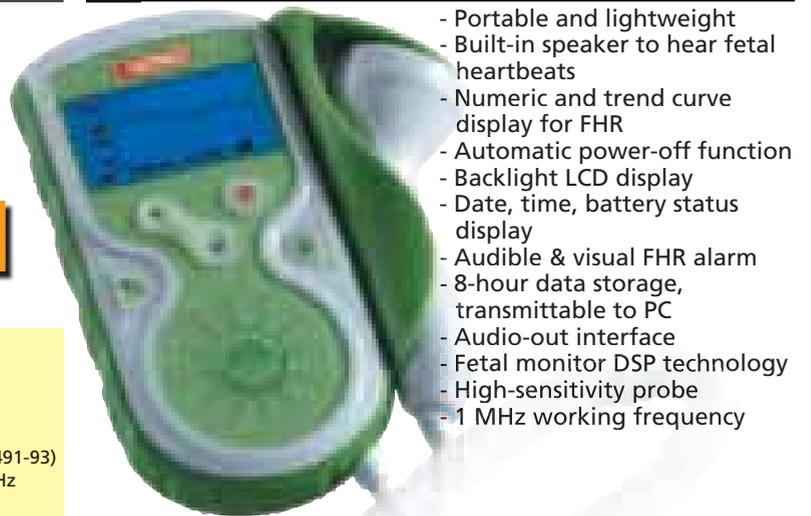


SUPPORT
2MHZ, 3MHZ, 4MHZ, 8 MHZ
WATERPROOF PROBES

TECHNICAL SPECIFICATIONS

Size: 32x85x138 mm
Weight: 290 g (including battery)
Heart rate range: 50-210 bpm
Resolution: 1 bpm
LCD display: 45x25 mm (only code 29491-93)
Audio sampling frequency: 4KHz / 8KHz
Recording length: 480s / 240s
Audio output power: 0.5 w
Audio shut-off after 1 minute

BABY SOUND GIMA DOPPLER



- Portable and lightweight
- Built-in speaker to hear fetal heartbeats
- Numeric and trend curve display for FHR
- Automatic power-off function
- Backlight LCD display
- Date, time, battery status display
- Audible & visual FHR alarm
- 8-hour data storage, transmittable to PC
- Audio-out interface
- Fetal monitor DSP technology
- High-sensitivity probe
- 1 MHz working frequency

29506 BABY SOUND GIMA FOETAL DOPPLER with display and 1MHz probe

This device allows hearing the heartbeat of a fetus from a built-in speaker as early as 10~12 weeks, and warns in case of serious problems of the fetus. For home and hospital use.

Supplied with gel bottle, 3 AA batteries and user manual.

TECHNICAL SPECIFICATION

Ultrasound working frequency:	1MHz ± 5%		
Fetal heart rate: range:	50-210 bpm		
resolution:	1 bpm		
accuracy:	± 2 bpm		
Alarm: high limit:	160 bpm	low limit:	120 bpm
Ultrasound intensity:	< 5 mm/cm ²		
Dimension:	145x74x29 mm	Weight:	350g
Power supply:	3 AA Batteries		

GIMA code	DOPPLERS AND INTERCHANGEABLE PROBES
29490	SONOTRAX LITE DOPPLER - without probe
29491	SONOTRAX BASIC DOPPLER - with display - without probe
29493	SONOTRAX PRO II DOPPLER with backlighted display built-in audio recorder and rechargeable batteries with battery charger - without probe
29496	2MHz waterproof probe
29497	3MHz waterproof probe
29498	4MHz waterproof probe
29499	8MHz waterproof probe



COLOUR DISPLAY, SINGLE OR TWINS FOETAL MONITORS



- 29530 SINGLE FOETAL MONITOR - FC1400
- 29531 TWINS FOETAL MONITOR - FC1400
- Superior data display**
 - 320x240 color LCD viewer (4.3 inch)
 - FHR and automatic fetal movement detection
 - 12 hours of memory capacity
 - recommended after week 30
- Extreme data accuracy and access**
 - High-accuracy and wide detection area
 - Easy on-screen scrolling function
 - Endurable watertight probes, 1 MHz
- Printout**
 - CTG analysis printing
 - Both standard and A4 size paper usable
 - Normal fax paper usable
 - High speed printout (50 cm/min)
- Other advantages**
 - Wireless central monitoring up to 8 beds (Option)
 - PC compatible
 - Internal battery lasting 2-hours (Option)
 - Power adapter 100-240 V, 50-60 Hz



COST-EFFECTIVE SINGLE FOETAL MONITOR



- 29520 FOETAL MONITOR GIMA FC 700
- Cost-effective single fetal monitor
- Extreme ultrasound doppler sensitivity**
 - High-accuracy with 1 Mhz frequency
 - Automatic/manual Foetal Movement detection
 - Auto NST (Non-stress test) function from 10 min. to 1 hour.

- | | |
|---|---------------------------------------|
| Data printout | Easy-to-use |
| - CTG analysis printing | - One- touch operation and easy setup |
| - A4 size chart paper with perforation line | - Alarm function (FHR high-low) |
| - Plain thermal fax paper usable | - s/w upgrade via internet |
| - Print speed 1, 2, 3 cm/min | |

ANALYSIS FUNCTION FOR 29520, 29530, 29531	
- Period: test period	- TACHY: moderate (>160 bpm): period of that FHR is between 160~190 (minutes)
- Average baseline FHR (bpm)	- TACHY: severe (>190 bpm): period of that FHR is over 190 (minutes)
- Number of UC (frequency / h)	- BRADY: moderate (<110 bpm): period of that FHR is between 90~110 (minutes)
- Number of acceleration (frequency / h)	- BRADY: severe (<90 bpm): period of that FHR is lower than 90 (minutes)
- Number of deceleration (frequency / h)	
- Late DEC: number of late deceleration	
- Early DEC: number of early deceleration	
- Variable DEC: number of variable deceleration	

CE 0123

29520

STANDARD ACCESSORIES (29520, 29530, 29531)

Doppler transducer (2 for Twins Foetal Monitor)
Toco transducer, Event maker, Gel, Printer paper, Belts, Manual

TECHNICAL SPECIFICATIONS FOETAL MONITORS (29520, 29530, 29531)

Doppler	2 channels (HR, UC) (29520)
Pulsed Doppler	320x240 Colour LCD (29531)
Ultrasound frequency: 1.0 MHz	Indicators
Intensity: <10mW/cm ²	Heart rhythm with signal quality
FHR range: 50-240 bpm (± 1 bpm)	Alarm, printing on/off state
Fetal movement	AC power
Detection source: Ultrasound pulsed doppler	Set-up
UC	Alarm upper/low limit value
Frequency response: DC 0.5 Hz	Record speed, paper grid, Fetal Movement On/Off, Time/Date,
Reference (zero) control	Print contrast, Auto print period
Measurement range: 0~99 units	Power
Printer	INPUT: AC 100-240V (50/60 Hz)
Thermal array type	296(W)x305.5(H) x 92.5(D)mm,
Print speed: 1, 2, 3 cm/min	Approx 2.9kg (29520),
Paper feeding function	3.2kg (29530-29531)
Display	External link
7-segment LED (29520)	RS-232C: Program Download

ACCESSORIES FOR FOETAL MONITORS		
For 29520	For 29530-31	
29522	29528	Paper pack - 21,5 mm x 23 m (29522), 152 mm x 25 m (29528)
29523	29532	Doppler transducer - spare
29524	-	UC/Toco transducer up to S/N FF07XXX
29529	-	UC/Toco transducer since S/N FF08XXX
-	29533	Toco transducer - spare
29519	29519	Trolley with 2 baskets (adjustable height)
-	29534	Battery NI-MH, 12V, 2600 mA
33747	33747	AC adaptor
29525	29525	Belt 5.3x148 cm
NETWORK SYSTEMS FOR FOETAL MONITORS		
For 29520	For 29530-31	
29518	29518	Software + cable for connection to PC For real time data graphic transfert to a PC with database storing (PC not included)
29527	29527	Central station (PC, monitor, software, connection kit for 2 foetal m.) to manage up to 8 monitor (kit 29526) Same function as 29518
29526	29526	Connection kit to Central Stat. for each additional foetal monitor (up to 8 monitors)
-	29521	Wireless connection kit (foetal monitor to central station) for 1 monitor (up to max 8 monitors)



Wireless bluetooth 8 beds central system (distance 10-100 m)

PREGNANCY TESTS: MIDSTREAM AND STRIP TYPE

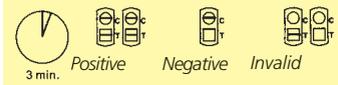


GIMA offers a complete line of pregnancy tests, both for OTC market (self test) and for professional use in hospital or doctor's cabinets.

All products are packed in carton boxes with multilingual user manual (English, Italian, Spanish, French, Greek, Portuguese).

Main features of pregnancy tests:

- Each test is individually packed in sealed pouch
- Very quick, some positive can be detected in 1 minute (std. 3 min)
- Early detection: it can be used since the first day you miss your period
- Reliability: 99%
- Sensibility: 25 mIU/ml
- Clinically tested



GIMA code	PREGNANCY TESTS	Type	Package
29104	SELF TEST	midstream	box of 1 pc
29107	SELF TEST	midstream	box of 2 pcs
29108	PROFESSIONAL TEST	midstream	box of 25 pcs
29100	PROFESSIONAL TEST	strip 4 mm	box of 50 pcs

PERSONALIZED BOX, MANUAL AND APPROVAL CE 0197 FOR SELF TEST minimum 3000 pcs.

OVULATION - FERTILITY TESTS AND MENOPAUSE TEST



MENOPAUSE TEST:

High sensibility test for detecting FSH in urine, clinically tested. Sensitivity: 25 mIU/ml.

OVULATION - FERTILITY TEST:

Easy to use test for professional use or OTC self test market. Early detection test, 99,9% accurate and clinically tested. Sensitivity: 40 mIU/ml.

All products are packed in carton boxes with multilingual user manual (English, Italian, Spanish, French, Greek, Portuguese).

GIMA code	OVULATION TESTS	Type	Package
29112	SELF TEST	midstream	box of 5 pcs
29114	SELF TEST	strip 4 mm	box of 6 pcs
29113	PROFESSIONAL TEST	strip 4 mm	box of 50 pcs

GIMA code	MENOPAUSE TEST	Type	Package
29109	SELF TEST	midstream	box of 2 pcs

SEE BASAL THERMOMETER FOR FERTILITY CONTROL - PAGE 11

CHLAMYDIA RAPID TEST

• **29117 CHLAMYDIA TEST - box of 20 tests**
Provide accurate results in 10 minutes, giving doctors immediate diagnosis. High sensitivity and specificity. Each box includes 20 tests, reagents, female cervical swabs, tubes, droppers, pipette and user manual.
For professional use.

- Male/Female swab specimen**
- Add reagent A and B to specimen
 - Add 3 drops of extracted specimen
 - Read results at 10 minutes
- Male urine specimen**
- Add reagent B and A to specimen
 - Add 3 drops of extracted specimen
 - Read results at 10 minutes



CANDIDA ALBICANS TEST

• **29105 CANDIDA TEST - box of 20 test**
Rapid, immunochromatographic test on vaginal smear. Easy to perform, able to identify by specific antibodies the presence of Candida in only 10 to 20 minutes. The test has been validated by external studies and found to have a sensitivity of over 98% and specificity of over 94% when compared with reference methods for microbes identification (such as BD Affirm, USA). The reproducibility is at the highest level of rapid tests. As Candida affects 50% of women at least once in their life and symptoms can be mistaken for those of Bacterial Vaginosis or other Vaginitis, the use of this test together with the vaginal pH test (see code 29110) allows discriminate between the two. For professional use.



SYPHILIS RAPID TEST

• **29118 SYPHILIS TEST - box of 40 tests**
Fast and easy to use: whole blood test protocol, results in just 10 minutes suitable for use in physician's office.
Accurate: 99.7% sensitivity & 99.6% specificity, recombinant antigens, detects IgG and IgM antibodies, treponemal antigens.
Convenient: 2 step procedure and visual interpretation. For professional use.



BREAST SELF-EXAM PAD

• **29120 BREAST SELF-EXAM PAD - reusable**
This special pad makes breast self exam easy, more sensitive and convenient. The patented pad increases your sense of touch and the simple instructions help you perform breast self exams correctly. Clinically proved and used by physicians. Self test.

EARLY DETECTION IS THE BEST PROTECTION

FDA Cleared



VAGINITIS TEST KIT

The test includes:
1 test + vaginal swab + fluid specimen (buffer solution) in single box + English/Italian manual



• **29111 VAGINITIS TEST KIT**
A unique, easy-to-use and revolutionary test for gynecologists and operators. Finds the causes of the inflammation/vaginal infection in just 10 minutes. It replaces traditional bacterial tests that take days and costs only a tenth. When necessary dilute vaginal fluid specimen in a buffer solution and then transfer to reagent pad. The instruction manual contains a result guide and can be used to recognize: Trichomoniasis, negative gram bacteria, Gardnerella, Chlamydia, serious bacterial vaginitis. For professional use

VAGINAL PH TEST

• **29110 VAGINAL PH TEST - box of 10 pcs.**
Quick test to determine vaginal PH.
An easy routine test to check vaginal PH in just 1 minute to make sure it is within the physiological limits (< 4.5). An increase in the Ph level may indicate a change in the vaginal environment. This could mean there is a possible vaginitis. The test is ideal for pregnant women and for women with particular diseases such as diabetes. For professional use.



The kit contains:
10 cotton swabs + 10 reagent pad in an individual box with user manual (English + Italian)

OBSTETRIC STETHOSCOPES

• **32501 SHORT OBSTETRIC STETHOSCOPE - beech-wood**
• **32502 LONG OBSTETRIC STETHOSCOPE - beech-wood**
These stethoscopes are hand-craft manufactured, made in beech-wood accurately selected and seasoned for at least 3 years. They have a perfect finish with a special transparent varnish. Packed in single box. Made in Germany.
• **32505 PINARD STETHOSCOPE - aluminium**



LATEX PROBE COVERS

• **29513 LATEX PROBE COVERS**
For ecography and doppler probes. Individually packed in single plastic bag.

minimum order: box of 50 pcs.

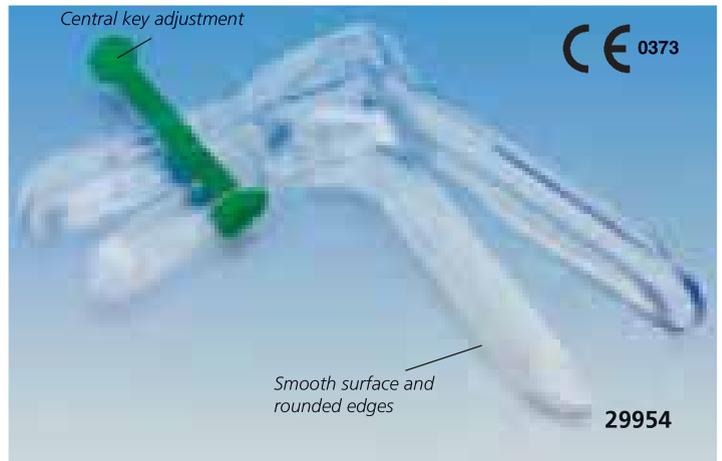


DISPOSABLE STERILE VAGINAL SPECULUM



CUSCO SPECULUM - with gradual adjustment - sterile
 Disposable speculum with gradual screw-action adjustment. It is manufactured with the best non-toxic transparent material, comes in a single transparent vacuum pack and is sterilized with ethylene oxide. Sterilization is guaranteed by the special quality control label on each pack. Available 3 sizes distinguishable through screw color. Made in Italy.

GIMA code	DISPOSABLE VAGINAL SPECULUM - STERILE	Minimum order
29950	CUSCO Speculum - small 85 x 20 mm	120 pcs.
29951	CUSCO Speculum - medium 90 x 28 mm	120 pcs.
29952	CUSCO Speculum - large 100 x 36 mm	120 pcs.



PERNO SPECULUM - with central key adjustment
 For dilation of the vaginal canal to expose the uterus neck. It allows the adjustment of the vaginal opening by positioning the blades and locking the central key. The smooth surface and rounded edges aid a comfortable introduction. The central key can be bent down for an easier introduction of cumbersome instruments 3 sizes distinguishable through key colour. Made in Italy.

GIMA code	DISPOSABLE VAGINAL SPECULUM - STERILE	Minimum order
29954	PERNO Speculum - small Ø 20 mm	120 pcs.
29955	PERNO Speculum - medium Ø 26 mm	120 pcs.
29956	PERNO Speculum - large Ø 30 mm	120 pcs.

STAINLESS STEEL VAGINAL SPECULUM - CUSCO AND COLLIN



GIMA code	STAINLESS STEEL SPECULUM
29770	Cusco stainless steel speculum - small 100 x 30 mm
29771	Cusco stainless steel speculum - medium 110 x 34 mm
29772	Cusco stainless steel speculum - large 125 x 36 mm
29773	Cusco stainless steel speculum - virgin 110 x 17 mm
29763	HF Cusco stainless steel speculum - medium with insulation for HF applications
29768	Collin stainless steel speculum - medium

All speculum are individually packed in carton box

GYNOLIGHT



• **29962 GYNOLIGHT**
 It allows illumination of the vaginal canal. It fits both central key and side-screw specula. It is provided with two points light source for a proper illumination of the vaginal canal, and its upper point light source can be adjusted by the operator. It's easy to set and remove thanks to spring side-holders. Gynolight does not come into contact with mucosa. Cold sterilization. Made in Italy.

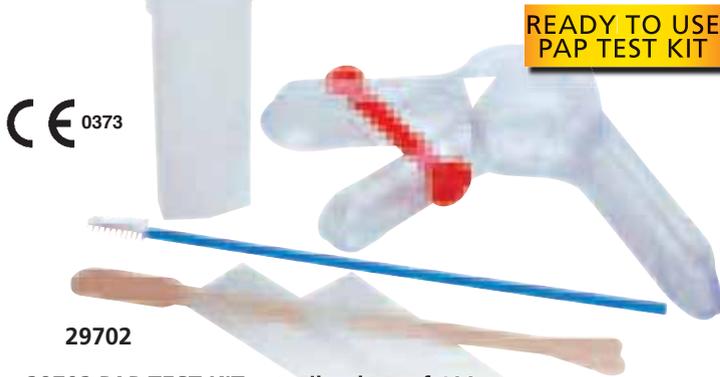
LUBRIGIMA: LUBRIFICANT GEL

• **29960 LUBRIGIMA - 250 ml**
 For an easy insertion of instruments during gyn. examinations. Its special composition and high transparency does not alter the visual image when optical instruments are used. It does not contain spermicides, it does not grease or stain. It has an acid Ph and a good electrical conductivity. It is soluble in water. The gel is well absorbed by the skin and does not cause irritations to the mucosa. Made in Italy.



minimum order: 6 pieces

PAP TEST KIT STERILE

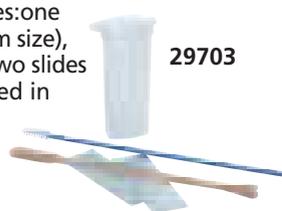


READY TO USE
PAP TEST KIT

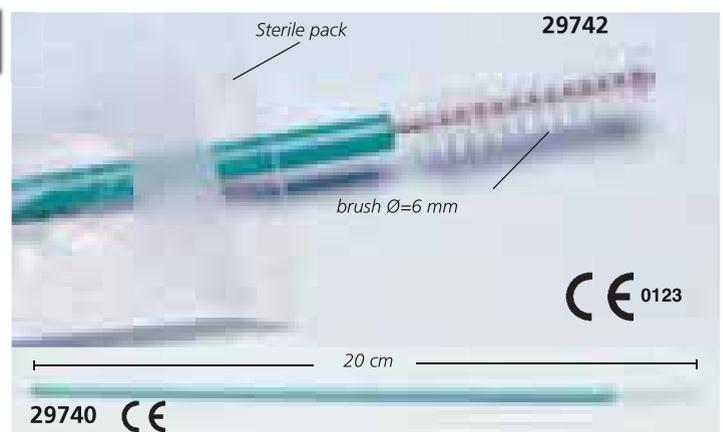
• **29702 PAP TEST KIT - sterile - box of 100 pcs.**
Pap-Test is a painless examination to detect the presence of any anomalous cells on the cervix. It allows an early diagnosis of uterus neck cancer. The functional configuration of the kit allows a ready to go operation. The kit includes: one latex glove, one perno speculum (medium size), one brush, one Ayre spatula (wooden), two slides and one box for them. Individually packed in sterile pouch. Made in Italy.

• **29703 PAP TEST KIT - sterile - box of 100 pcs**

Same as 29702 but without speculum



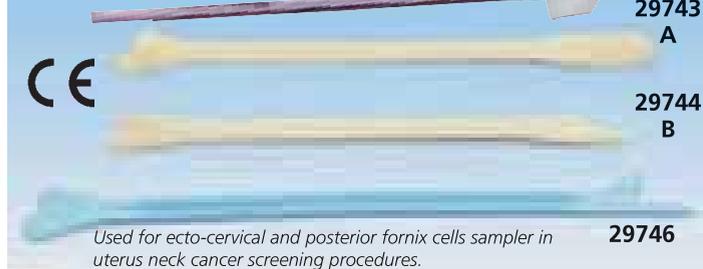
GIMA BRUSH



• **29739 GIMA BRUSH - conical - bag of 25 pcs.**
• **29740 GIMA BRUSH - conical - box of 400 pcs.**
These single-use endocervical brushes are an efficient method of collecting vulval, endocervical and nasal surface samples for cytological/microbiological examinations. Non sterile. Packed in plastic bags of 25 units, in carton of 400 units.
• **29742 GIMA BRUSH - conical - STERILE - box of 500 pcs**
As code 29740, individually packed in sterile plastic bag. Both codes are made in Italy

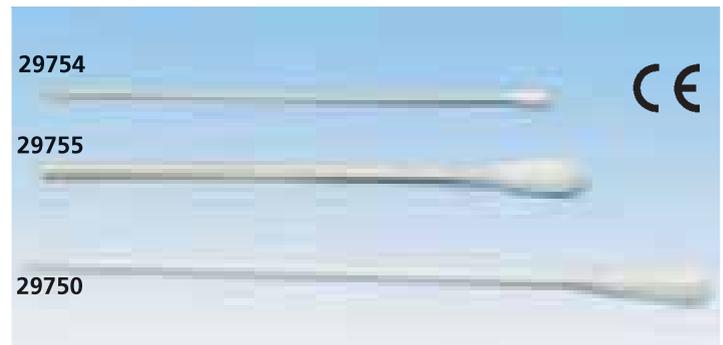
AYRE SPATULAE - PAPETTE

With Wallach papette all it takes is a simple rotating motion to collect a total sampling endocervical and ectocervical cells, including the transformation area, with less trauma



GIMA code	SPATULA	Material	Minimum order
29743	Ayre Spatula A <i>Packed in box of 100 pcs., in carton of 500</i>	Wood	500 pcs.
29744	Ayre Spatula B <i>Packed in box of 100 pcs., in carton of 500</i>	Wood	500 pcs.
29746	Ayre Spatula <i>Packed in plastic bags of 25 pcs., in carton of 400</i>	Polypropylene	400 pcs.
29738	Wallach papette	Plastic	100 pcs.

COTTON SWABS



GIMA code	COTTON SWABS	Shaft Material	Cotton Ø	Shaft lenght	Minimum order
29750	Cotton Swab <i>Packed in plastic bags of 25 pcs., in carton of 400</i>	Plastic	1 cm	20 cm	400 pcs.
29754	Cotton Swab <i>Packed in plastic bags of 100 pcs., in carton of 500</i>	Wood	0.5 cm	15 cm	1,000 pcs.
29755	Cotton Swab <i>Packed in plastic bags of 50 pcs., in carton of 500</i>	Wood	2 cm	15 cm	1,000 pcs.

SPRAY FOR CITOTOLOGY FIXATION AND ACCESSORIES

• **29778 GIMAFIX SPRAY FOR CITOTOLOGY FIXATION**
Fixer for cytology. Composition: isopropanole, poly-ethylenglycole. It does not contain propellants deleterious for the ozone.
250 cc bottle.

minimum order: 12 bottles

• **29775 MICROSCOPE SLIDES**
Size 76 x 26 mm, 1.2 mm thick, glass made with polished edges and sandblasted band.

minimum order: 200 pcs (4 box of 50 pcs)

• **29776 BOX FOR SLIDES**
Plastic, transparent box for storage of up to three slides.



CUPS FOR HYSTEROGRAPHY AND SIFT SCREW SYRINGE



29928

CUPS FOR HYSTEROGRAPHY

The device consists of a rigid, transparent tapered cup with a central conical cannula; it is equipped with a 25 cm long flexible, pliable manipulator joined to the cup and two tubes equipped with clamps. One of these provides the vacuum, while the other injects the radiopaque medium. Perfect adhesion to the cervix by self-centering is ensured by the tapered shape of the cup and the progressive application of a vacuum to the cup.

The suction cup/cannula unit is radiotransparent and allows the proximal area of the endocervix to be controlled. The radiologist is able to manipulate at a distance from the radioactive field while at the same time comfortably immobilizing the uterus.

SIFT SCREWTHREAD SYRINGE

Contrast medium is injected by turning the position of the syringe which is equipped with a thread, to enable easy and regular injection of the contrast medium.

If cup is used on our sift syringe, connector is not needed.

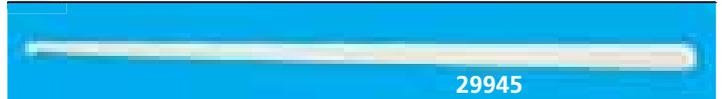
GIMA code	CUPS FOR HYSTEROGRAPHY DISPOSABLE - STERILE	Minimum order
29920	Cups 25 mm	10 pcs.
29921	Cups 30 mm	10 pcs.
29922	Cups 35 mm	10 pcs.
29923	Cups connector - sterile	10 pcs.
29928	SIFT syringe for cups	10 pcs.

AMNIOCENTESIS NEEDLES

For transabdominal sampling of amniotic fluid for prenatal diagnosis of genetic disorders of the foetus. It is also used for cytogenetic and biochemical studies. Accurate sharpening of the needle allows an easy and atraumatic insertion. Its mandrel is provided with an ultrasound detectable tip allowing an echo-guided insertion, and it is colour coded for an easy identification of the needle size. The needle is provided with an adjustable stopper to determine insertion depth, and with a female luer lock connector to collect the amniotic fluid through a syringe. Made in Italy.

GIMA code	AMNIOCENTESIS NEEDLES - STERILE
29630	Needle 20 G x 100 mm
29631	Needle 20 G x 120 mm
29632	Needle 20 G x 150 mm
29633	Needle 20 G x 180 mm
29634	Needle 21 G x 120 mm

MEMBRANE PERFORATOR



29945

29945 AMNIOTIC MEMBRANE PERFORATOR-sterile

Disposable amniotic perforator. This system is thought to be completely safe to avoid lesions to the foetus. Supplied in single sterile envelope.

HYSTEROMETER

HYSTEROMETER with slider - single use - sterile
Calibrated reading on the handle, flexible

GIMA code	HYSTEROMETER SINGLE USE - STERILE	Minimum order
29930	Hysterometer CH 10	25 pcs.
29931	Hysterometer CH 12	25 pcs.

RUBBER PESSARY



Individually packed in carton box with English user manual

GIMA code	PESSARY FOR UTERINE PROLAPSE
29963	Rubber Pessary Ø 60 mm
29964	Rubber Pessary Ø 65 mm
29965	Rubber Pessary Ø 70 mm
29966	Rubber Pessary Ø 75 mm
29967	Rubber Pessary Ø 80 mm
29968	Rubber Pessary Ø 85 mm
29969	Rubber Pessary Ø 90 mm

UMBILICAL CLAMP



29943 X-SAFE UMBILICAL CORD CLAMP - sterile

Disposable large size umbilical cord clamp to allow a proper clamping of all umbilical cords and prevent their outcoming from the closing comb. Individually packed in coupled cellophane (nylon/poliethilene) and medical paper to ensure safe hygienic conditions to user. Sterilized by ethylene oxide. Made in Italy.

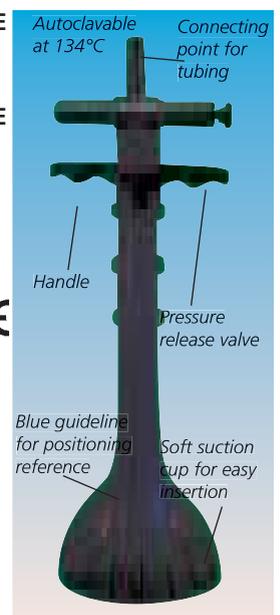
Minimum order: 600 pcs.

SUCTION CUPS

29980 SILICONE SUCTION CUP Ø 60x210 mm

29981 SILICONE SUCTION CUP Ø 70x210 mm

Made in medical grade silicone



"KARMAN" AND "BERKELEY" INTRAUTERINE SUCTION CURETTES



Length 24 cm with connector, 20,5 cm without



Length 20 cm with connector, 17 cm without

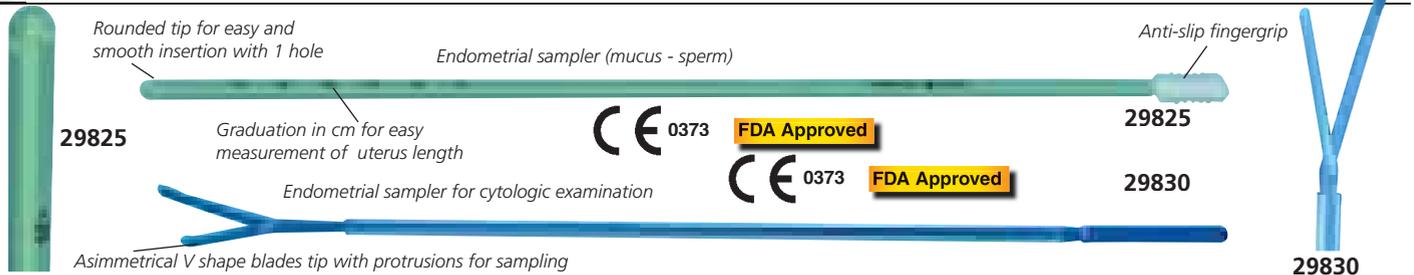
GIMA code	"KARMAN" STYLE CURETTES FLEXIBLE - SINGLE USE - STERILE	Minimum order
29860	Karman Curette N° 6 - 6 mm x 24 cm	box of 20
29861	Karman Curette N° 7 - 7 mm x 24 cm	box of 20
29862	Karman Curette N° 8 - 8 mm x 24 cm	box of 20
29863	Karman Curette N° 9 - 9 mm x 24 cm	box of 20
29864	Karman Curette N° 10 - 10 mm x 24 cm	box of 20
29865	Karman Curette N° 11 - 11 mm x 24 cm	box of 20
29866	Karman Curette N° 12 - 12 mm x 24 cm	box of 20

GIMA code	"BERKELEY" STYLE CURETTES CURVED - RIGID - SINGLE USE - STERILE	Minimum order
29870	Berkeley Curette N° 7 - Ø 7 mm x 20 cm	box of 20
29871	Berkeley Curette N° 8 - Ø 8 mm x 20 cm	box of 20
29872	Berkeley Curette N° 9 - Ø 9 mm x 20 cm	box of 20
29873	Berkeley Curette N° 10 - Ø 10 mm x 20 cm	box of 20
29874	Berkeley Curette N° 11 - Ø 11 mm x 20 cm	box of 20
29875	Berkeley Curette N° 12 - Ø 12 mm x 20 cm	box of 20



• **29918 SUCTION SYRINGE - one-way self-blocking**
Special syringe with adaptor suitable for use with Karman and Berkeley curettes of any brand.
One-way self-blocking valve for safety and easier use.
Single use and sterile, 60 ml capacity. **minimum order: 10 pcs.**

CANNULAS FOR ENDOMETRIAL SAMPLING



• **29825 RAMPIPELLA 1 hole - disposable, sterile**
For endometrial histologic sampling and sperm sampling in post-coital tests.
It allows a painless and easy routine screening of the endometrium avoiding dilation and traction of the uterus neck.
External Ø 3.1 mm - length 24.5 cm
Single use, sterile. Made in Italy. **minimum order: 100 pcs.**

• **29830 CERVIRAM - disposable, sterile**
For cytologic endometrial sampling. It allows a painless and easy routine screening of the endometrium avoiding dilation and traction of the uterus neck. An outer sheath covers a mandrel with asymmetrical "V" shaped blades on the top.
External Ø 3.5 mm - Length 26 cm. **minimum order: 150 pcs.**

AMNIOSCOPE: TUBES AND SET



• **29970 AMNIOSCOPE SET**
Set of three amnioscope tubes with shutter 200 mm length, 12, 16 and 20 mm diameter, and a clamp for fibre optic light.
All tubes are graduated in centimetres, have a rounded end and are sterilizable with any method.
To light amnioscope you can use GIMA 150 light source (code 30801), adapter (code 30830), F.O. cable (code 30818) and adapter for clamp (code 30840).
• **29971 AMNIOSCOPE TUBE 12 x 24 x 200 mm**
• **29972 AMNIOSCOPE TUBE 16 x 24 x 200 mm**
• **29973 AMNIOSCOPE TUBE 20 x 24 x 200 mm**
• **29975 ANGLED CLAMP FOR LIGHT CONNECTION**

SCHULTZE SALPINGOGRAPH



• **29780 SALPINGOGRAPH** CE 0124
Instrument for hystero-salpingography and tubal insufflation, Prof. Gunter K. F. Schultze from Berlin type. Made in Germany.
• **29784 HYSTERO SYRINGE**

HYSTEOSALPINGOGRAPH: STANDARD ACCESSORIES	
Watch for hystero	Hystero syringe 20 cc. Luer Lock
Rack-bar	3 interchangeable cones (small-medium-large)

DISPOSABLE RECTOSCOPE, PROCTOSCOPE, ANOSCOPE

• 25953 F.O. ILLUMINATION HEAD

This head perfectly fits and illuminates the disposable anoscopes, rectoscopes, proctoscopes for GIMA, HEINE, WELCH ALLYN, GPS. It can be connected to a light source by a F.O. cable or to a LED illumination system. See at page 105-106.

• 25950 DISPOSABLE ANOSCOPE - sterilized

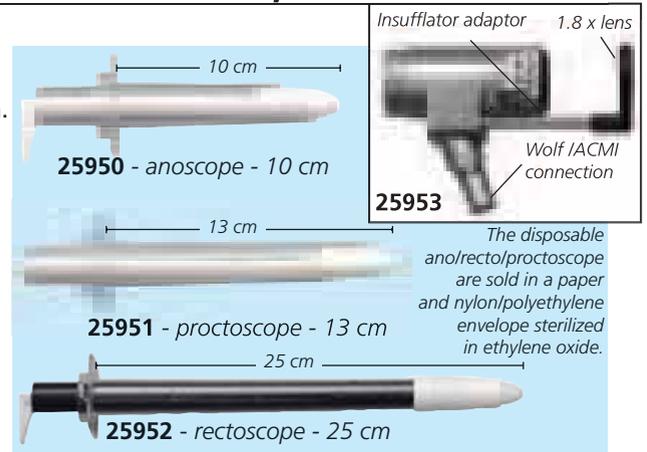
Length 10 cm, with stylet diameter of 17 mm, suitable for treatment of haemorrhoids. minimum order: pack 60 pcs.

• 25951 DISPOSABLE PROCTOSCOPE - sterilized

Length 13 cm, with stylet diameter of 17 mm minimum order: pack 50 pcs.

• 25952 DISPOSABLE RECTOSCOPE - sterilized

Length 25 cm, with stylet diameter of 17 mm, scale in cm, illumination in distal exit thanks to the opaque black tube placed inside the transparent body which enables the light to shine without shadow: minimum order: pack 50 pcs.



The disposable ano/recto/proctoscope are sold in a paper and nylon/polyethylene envelope sterilized in ethylene oxide.

LIGHTING SYSTEMS



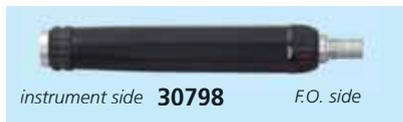
30799



LIGHTING SYSTEMS

All products in this page are supplied with Acmi/Wolf light connection. To bring the light to these connection it is necessary to buy a Wolf adaptor (30841) a F.O. cable (30818-30826) a light source adaptor (30830) and a light source (30801-30802). See page 106.

To better hang the instruments during the use we suggest below handle that can be placed between the instrument and F.O. cable.



instrument side **30798** F.O. side

• 30798 HANDLE for Ano/Procto/Rectoscope and Sigmoidoscopes

Alternatively you can choose a more economic solution, for illumination, inclusive of handle

• 30799 ILLUMINATED HANDLE 6.0 VOLT - HALOGEN BULB

Works as an independent light source for F.O. instruments

F.O. ANOSCOPES, PROCTOSCOPES

F.O. ANOSCOPES



F.O. PROCTOSCOPE

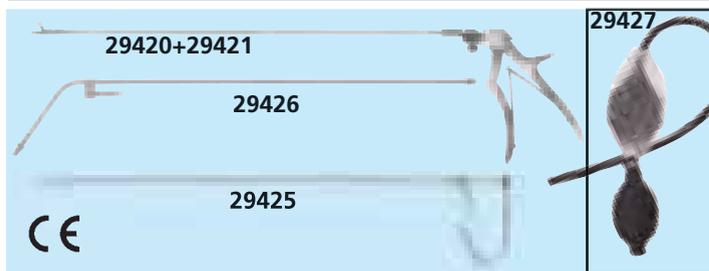


29405

With 2.0X magnifying lens



GIMA code	F.O. ANOSCOPES - PROCTOSCOPES
29400	F.O. Anoscope Ø15x70 mm - with obturator - wolf/Acme connector
29401	F.O. Anoscope Ø20x70 mm - with obturator - wolf/Acme
29402	F.O. Anoscope Ø25x70 mm - with obturator - wolf/Acme
29403	Set of 3 F.O. anoscopes with Wolf and Storz connector in a case
29405	F.O. Proctoscope Ø20x130 mm - with obturator with 2.0x
30844	Storz adaptor (to connect F.O. ano/procto to Storz cable)

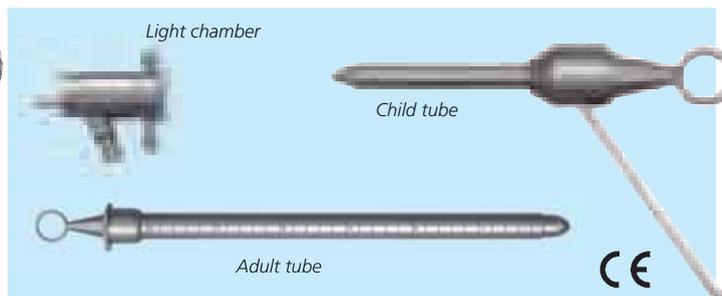


GIMA code	S/S ACCESSORIES FOR F.O. ANOSCOPES, PROCTOSCOPES, SIGMOIDOSCOPES
29420	Handle for Biopsy forceps
29421	Biopsy forceps 3.5x8 mm. Cup Jaws - 420 mm
29422	Biopsy forceps 4 mm - Cutting Jaws - 420 mm
29425	Sponge Holding forceps - 400 mm
29426	Suction Tube - 400 mm
29427	Twin Bellow Insufflator

F.O. SIGMOIDOSCOPES



GIMA code	F.O. SIGMOIDOSCOPES WITH 2.0 X MAGNIFICATION SWIVEL LENS
29410	F.O. Sigmoidoscope - 12x200 mm with Wolf/Acme adaptor
29411	F.O. Sigmoidoscope - 16x250 mm with Wolf/Acme adaptor
29412	F.O. Sigmoidoscope - 21x200 mm with Wolf/Acme adaptor
29413	F.O. Sigmoidoscope - 21x250 mm with Wolf/Acme adaptor
29414	F.O. Sigmoidoscope - 21x300 mm with Wolf/Acme adaptor
30844	Storz adaptor (to connect sigmoidoscope to Storz cable)



• 29418 LLOYD - DAVIES SIGMOIDOSCOPES SET
Sigmoidoscope set is composed by one light chamber, with Acme/Wolf adaptor, one adult tube Ø 20 x 300 mm, one boy tube Ø 16 x 250 mm, and one child tube Ø 10 x 75 mm, in a soft pouch.
To light set you can use illuminated handle (code 30799) or Gima light source (30801), light source adapter (30830), F.O. cable (30818) and adapter (30841).

GIMA COLPOSCOPE

- **29600 COLPY - GIMA COLPOSCOPE**
Easy to use halogen colposcope mounted on a 5 wheels base.

TECHNICAL SPECIFICATIONS

Magnifying: 6.2X with standard 10X eyepieces
 Optic system: stereo with inter-pupil adjustment and optic head at 45°
 Illumination: halogen dicroic bulb 12V - 12W
 Working distance: 26 cm
 Operating voltage: 230 V (available on request 115)
 Norms: CLASS I Type B - IEC 601-1 CE 93/42/EEC. Made in Italy

- **29601 CAMERA CONNECTOR**
To connect a camera with standard "C mount" to GIMA colposcope.
- **29602 COLPOSCOPE CAMERA**
Specially designed for COLPY colposcope
- **29610 COLPOSCOPY SOFTWARE**

TECHNICAL SPECIFICATIONS

Camera sensor: 1/3 CCD
 Resolution: 480 lines
 Sizes: 85x53x145 mm (head 36x40x30 mm)
 Power: 230 V - 50/60 Hz



ALLTION LED COLPOSCOPE

- **29612 ALLTION LED COLPOSCOPE - 9X**
A high quality and complete colposcope that offers excellent optics and cold, longlife white light. Compact, lightweight and easy to use it offers superior quality at a very competitive price. Thanks to a special universal Teflon® ball joint, it gives to user 360° easy motion for gross focus. Comes completely assembled and ready for use.

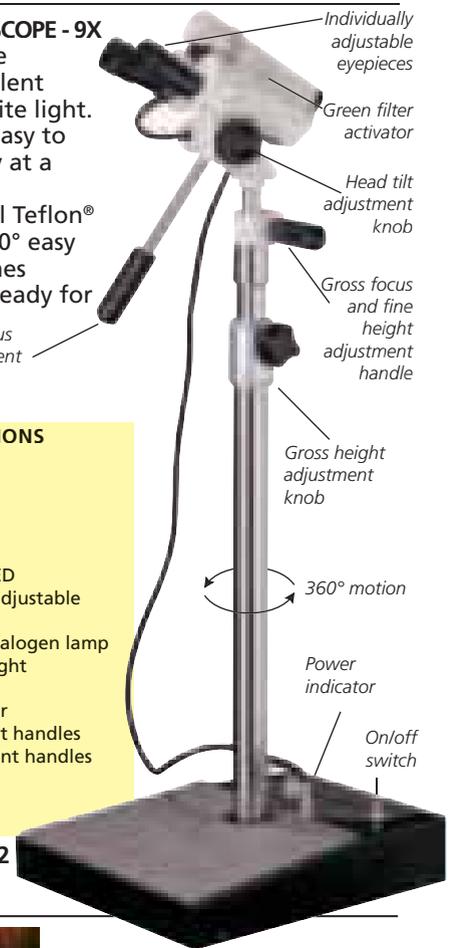


Fine focus adjustment handle

TECHNICAL SPECIFICATIONS

Magnification 9x
 Focal length: 320 mm
 Field of view: diameter 22 mm
 Depth of field: > 4 mm
 Interchangeable eyepiece 12.5x
 Illumination: longlife 5.9V / 5W LED
 Superior optics with individually adjustable eyepiece
 Electronically controlled built-in halogen lamp with a rheostat to fine tune the light
 Easily changeable, bulb
 User-selectable built-in green filter
 Two (gross/fine) focus adjustment handles
 Two (gross/fine) height adjustment handles
 Smooth action control
 Bearing for easy post movement
 Main Power: 110V/220V

29612



VIDEO COLPOSCOPE SYSTEM

- **29605 NETSCOPE - COLPOSCOPE - 8X**
All in one system for videocolposcopy applications: the system includes a CCD camera with integrated 150 watt light source, F.O. cable, ergonomic handle and colposcopy probe.

Main features:

- Excellent image quality

A microprocessor controls the brightness, resolution at 440,000 pixel gives a clear and sharp image. Optical part made in Germany

- Easy to use and handle

The ergonomic probe design and the trolley make it easy to use

- High magnification

Fine adjustment for various applications by focus knob, without the necessity to change the lens

- Flexibility

Can be turned into videodermatoscope or videotoscope, just by changing the probe. Easy lamp replacement through door.

- **29608 VIDEODERMATOSCOPE PROBE - 20X**
- **29609 VIDEOTOSCOPE PROBE - Ø 4 mm - 0°**
- **29610 COLPOSCOPY SOFTWARE**

This software allows images acquisition and storage, data and visit management, customized reports printing. MS Win XP, ME, 2000 full compatibility. Videograbber directly connected to the instrument's video source for image acquisition. Multilanguage (Italian, English, Spanish, Portuguese, French) other language on request.

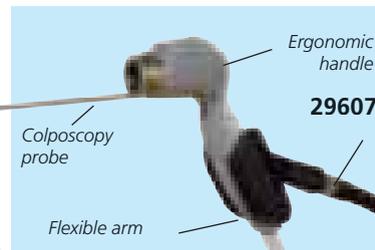
- **72705 LCD MEDICAL MONITOR - 15" - flat type**
- **29606 TROLLEY CART** - easily fits Netscope and every kind of flat monitors compliant with VESA 80 standard.
- **29607 FLEXIBLE ARM with stand** - this arm is fixed on a tripod support and allows to hang the probe in stable position.

TECHNICAL SPECIFICATIONS NETSCOPE

Camera sensor: 1/3 CCD Sony	Minimum illumination: 0.5 lux
Horizontal resolution: 480 lines	Power supply: 90-250 V - 50-60 Hz
Digital signal processing	Basic unit size: 210x92x240 mm
ACG white balance: AUTO/FIXED	Weight: 3kg
Light intensity: adjustable 0-150 W	Made in Germany
Video out: Y/C (S-VHS), composit (BNC)	
Cable length: 200 mm	



Image freeze function allows to freeze up to 4 images on the screen and immediately review one of them in full screen size



TECHNICAL SPECIFICATIONS MONITOR CODE 72705

Display: 15"/38,1 cm
 TFT active matrix
 Active area: 304,1x228 mm
 Resolution: 1024x784 (XGA)
 Size: 375x356x210 mm



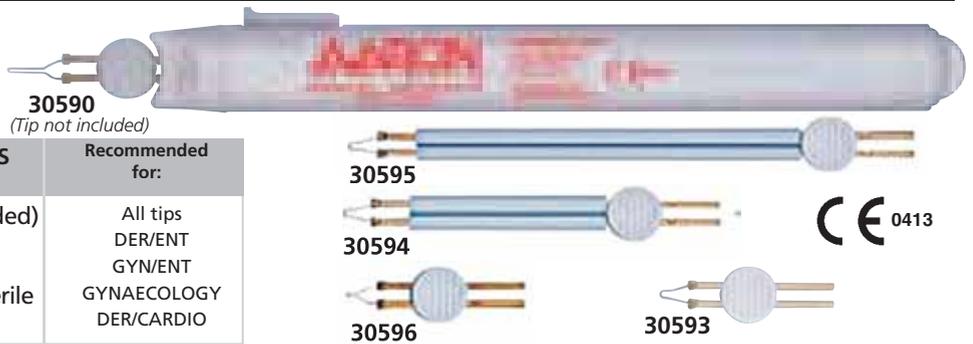
29605
 +
 72705
 +
 29606



CHANGE-A-TIP™ CAUTERIES WITH HIGH TEMPERATURES

AARON CAUTERIES - made in USA

- Interchangeable sterile tips
- Replaceable batteries
- Reusable handles
- No sterilization necessary



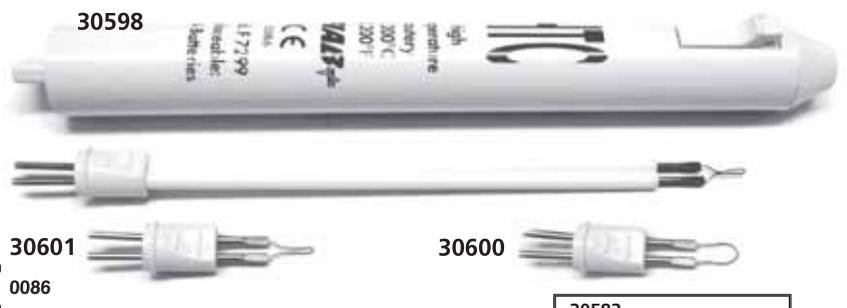
GIMA code	INTERCHANGEABLE TIP CAUTERIES MINIMUM ORDER: 10 TIPS	Recommended for:
30590	Cautery handle "AA" (tip not included)	All tips DER/ENT GYN/ENT GYNAECOLOGY DER/CARDIO
30593	High temp loop tip - sterile	
30594	High temp 2" flex loop tip - sterile	
30595	High temp 5" loop tip - long size - sterile	
30596	High temp fine tip - sterile	

REUSABLE HIGH TEMPERATURE CAUTERY WITH REPLACEABLE TIP

CAUTERIES - 1,200°C (2,200°F) - made in Italy

- Interchangeable tips with nickel-crome wire
- Replaceable batteries
- Reusable handles

Wide application in gynaecology, orthopedies, ear/nose/throat, dermatology, plastic and reconstruction surgery.



GIMA code	INTERCHANGEABLE TIP CAUTERIES MINIMUM ORDER: 10 TIPS
30598	Cautery handle "AA" (tip not included)
30599	High temp long fine tip - sterile - box of 10
30600	High temp large tip - sterile - box of 10
30601	High temp fine tip - sterile - box of 10

HIGH TEMPERATURE ELECTROCAUTERIES

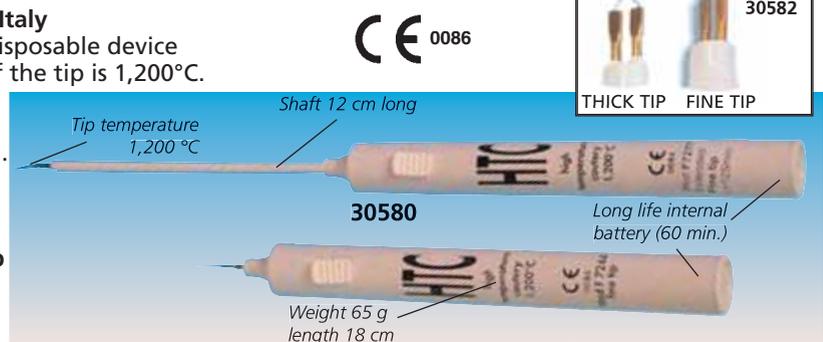
• 30580 ELECTROCAUTERY - 1,200 °C - fine tip - made in Italy

The Electrocautery is a sterile bipolar battery operated disposable device for the cauterization of small vessels; the temperature of the tip is 1,200°C. With a fine tip required in most of the surgeries.

• 30582 GYNAECOLOGY CAUTERY - 1,200°C - fine tip
Same as 30580 but with the tip fixed on a shaft 12 cm long.

• 30581 ELECTROCAUTERY - 600 °C - fine tip
Same as 30580 but with lower temperature = 600°C. Especially designed for ophthalmology.

• 30583 EMERGENCY ELECTROCAUTERY - 800°C - Thick tip
Same as 30580 but with "thick tip" that permits the perforation of nails in case of haematoma.



HISTOFREEZER® CRYOTHERAPEUTIC AID

• 30585 HISTOFREEZER® - mini kit

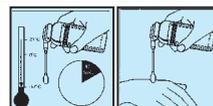
One 40 ml aerosol bottle, 2 applicators 2 mm and 3 applicators 5 mm

• 30587 HISTOFREEZER® - kit 2 mm

One 150 ml aerosol bottle and 60 applicators 2 mm.

• 30588 HISTOFREEZER® - kit 5 mm

One 150 ml aerosol bottle and 50 applicators 5 mm.



ELECTRODEPILATOR

• 28340 ELECTRO-DEPILATOR 400

This device ensures a definitive depilation with thermolitic method. It delivers a current of radiofrequency to cause the heating and consequent coagulation of the papilla, reached through the introduction of a needle into the follicle of the hair. Provided with highly reliable electronic integrated components, with RF intensity adjustable with continuity and luminous working signal. It comes complete with footswitch, handpiece for depilation, depilation needle and power cable (2 m)

• 30552 HANDPIECE FOR DEPILATION

• 30560 DEPILATION OR MICROSURGERY NEEDLES

• 30568 FOOTSWITCH

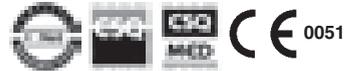


TECHNICAL SPECIFICATIONS

RF output frequency: 1.9 +/-10% MHz
Modulation: sinusoidal
Maximum output power: 7 +/-2Watt
Size: 260 x 265 x 110h mm Weight: 4 kg
Operating voltage: 115/230 V - 50/60 Hz. switchable
Norms: CEI 62-39 Class: I-BF



MONOPOLAR ELECTROSURGERY UNITS - 50W AND 80W



TECHNICAL SPECIFICATIONS		
	30516 - 106	30517 - 108
Output power: CUT	50W/400 ohm	80W/400 ohm
COAG	40W/400 ohm	50W/400 ohm
BLEND	45W/400 ohm	60W/400 ohm
MICRO	-	20W /600 ohm
Working frequency:	600 KHz +/- 10%	700 KHz +/- 10%
Size:	180x180x h 100 mm	180x180x h 100 mm
Weight:	2.8 kg	4 kg
Operating Voltage:	115/230 V - 50/60 Hz switchable	
Electric input power:	90 VA	230 VA
Fuse:	2x1 AT	2x2 A
Alarm for overheating	Footswitch operating	
Norms:	EN60601-1 Class I CF, EN 60601-1-2 93/42/EEC (Class IIb)	
Made in Italy	Warranty: 12 months	

- STANDARD ACCESSORIES**
- KIRKY single-use handle without buttons
 - Standard foot-switch (30568)
 - Flat neutral plate with cable (30563)
 - Kit of 6 short autoclavable electrodes, Ø 2.4 mm, length 5 cm
 - Power cable 2 m - Shuko plug
 - User manual: available in English, Italian, Spanish. French 106 only

- **30516 DIATERMO 106 - 50W - monopolar**
 - **30517 DIATERMO 108 - 80W - monopolar**
- These HF electrosurgery units, are particularly suitable for small operations and are recommended for veterinary, dentistry, first aid and dermatology work. They offer precision of cut and immediate coagulation and give excellent results in a large range of applications: from uterine coagulation to microcoagulation in dermatology. Moreover you can choose from a wide variety of electrodes for any need.

The modes of operation, CUT, COAG BLEND and MICRO (30517 only), can be easily selected by a switch on the front panel. The complete isolation between patient and the unit and strict respect of international norms guarantee total safety.



30516

DIATERMO MB 132 MONO-BIPOLAR - PROGRAMMABLE - 120 W



OVH Alarm: the unit incorporates an internal circuit protection to warn when the current delivery lasts too long.

TECHNICAL SPECIFICATIONS		
Minimum preselectable power	0	
Level step	1	
Maximum output power CUT (W)	120	250Ω
Maximum output power BLEND (W)	90	250Ω
Maximum output power COAG FORCED (W)	80	250Ω
Maximum output power COAG SOFT (W)	60	250Ω
Maximum output power BIPOLAR (W)	40	250Ω
Crest Factor CUT	1.5	
Crest Factor BLEND	2.1	
Crest Factor COAG FORCED	2.0	
Crest Factor COAG SOFT	1.7	
Crest Factor BIPOLAR	1.5	
Working frequency	600 kHz	
Weight Kg	8	
Size LxHxD mm	360x150x265	
Operating voltage (switchable)	115/230V-50/60 Hz	
Fuses 230Vac (5x20) TIMED	2x 3.15A	
Fuses 115Vac (5x20) TIMED	2x 6.3A	
Five steps adjustable sound level (from 55- to 75 dBA)	•	
Self-check	•	
Power accuracy output warning	•	
Split or not split patient plate allowed	•	
Repetition of timed delivery	da 2 a 9	
Timed delivery	1-999ms	
Last working condition storing	•	
Electrical Class (EN60601 - 1)	I CF	
MDD 93/42/EEC Class	II b	
Patient circuit	F	
Made in Italy		

- **30544 DIATERMO MB 132 - mono-bipolar - 120 W**
- HF electrosurgical unit suitable to perform middle monopolar or bipolar electrosurgery. By selection of the modes of operation MB 132 provides pure cut, coagulated cut, forced coagulation, soft coagulation and, with forceps, bipolar coagulation. The use of either split or normal neutral plate are allowed. **Technology and precision:** Using the digital keyboard MB 132 enables the user to regulate the HF emission time in cut or coagulation mode with great precision, and to reproduce a previous intervention. Moreover it includes a useful "repeat" function which enables the user to repeat set impulses from 2 to 9 times, and a timer to monitor the elapsed time of the treatment or the whole operation. **Complete safety:** an acoustic alarm (intermittent beep) and a blinking red led on front panel warns user that the neutral plate is unplugged or not in contact with the patient or the cable is disconnected. In this case HF emission for cut and coagulation operation is switched off.

- STANDARD ACCESSORIES**
- Two-button handle (autoclavable code 30547)
 - MB operative foot-switch (usable in alternative to handle)
 - MB flat plate (neutral electrode)
 - Kit 10 short standard electrodes, diam. 2.4. mm.
 - Power cable 2 m
 - Microsurgery handle - Microsurgery needle
 - Manual: available in English, Italian, Spanish, French

DIATERMO MB 122 AND MB 160 MONO-BIPOLAR - 120W - 160W



- 30540 DIATERMO MB 122 - mono-bipolar - 120 W
- 30541 DIATERMO MB 160 - mono-bipolar - 160 W

MB 122 and 160 are HF electro-surgical units suitable to perform middle monopolar or bipolar electro-surgery.

By selection of the modes of operation they provide pure cut, coagulated cut, forced coagulation, soft coagulation and, with forceps, bipolar coagulation. The use of either split or normal neutral plate is allowed. MB 160 is recommended in case of operational fields damp for instance mucous, or tissue whose composition is varying, with consequent need to have reserve of usable power. For these reasons, MB 160 is suggested for Gynecological and orthopedic surgery.

Leading-Edge Technology. This advanced concept device enables highly professional surgery intervention thanks to ergonomic and safety features derived from high power theatre apparatus.

Complete safety. Open Circuit (OC) Alarm warns the user that connection into the neutral plate has not been made or that the cable is disconnected or the neutral plate is not in contact with the patient. The alarm is signalled by an intermittent beep together with a flashing red light on the front panel. In this case HF emission for cut and coagulation operation is switched off.

OVT Alarm. The unit includes an internal circuit protection warning when the current delivery lasts too much.

- 27139 DIATERMO NYLON BAG - black See page 31

Diatermo MB 122 - MB 160 standard accessories

MB single-use two button handles
 MB operative foot-switch (usable as alternative to handle)
 MB flat neutral plate Power cable 2 m
 Kit of 6 short autoclavable electrodes, diam. 2.4 mm.
 User manual: available in English, Spanish, Italian, French, Polish

TECHNICAL SPECIFICATIONS

	MB122		MB160	
Minimum preselectable power	0		0	
Level step	1		1	
Maximum output power CUT (W)	120	250Ω	160	250Ω
Maximum output power BLEND (W)	90	200Ω	120	200Ω
Maximum output power COAG FORCED (W)	80	150Ω	100	150Ω
Maximum output power COAG SOFT (W)	60	100Ω	80	100Ω
Maximum output power BIPOLAR (W)	40	100Ω	60	100Ω
Crest Factor CUT	1.5		1.5	
Crest Factor BLEND	2.1		2.1	
Crest Factor COAG FORCED	2.0		2.0	
Crest Factor COAG SOFT	1.7		1.7	
Crest Factor BIPOLAR	1.5		1.5	
Working frequency	600 kHz		600 kHz	
Weight Kg	7		7	
Size LxHxD mm	260x110x265		260x110x265	
Operating voltage (switchable)	115 -230		115 -230	
Mains frequency (Hz)	50-60		50-60	
Fuses 230Vac (5x20) TIMED	2x 3.15A		2x 3.15A	
Fuses 115Vac (5x20) TIMED	2x 6.3A		2x 6.3A	
Electrical input power (VA)	300		350	
Electrical input current (230Vac) (A)	1.3		1.5	
Electrical input current (115Vac) (A)	2.6		3	
Five steps adjustable sound level (from 55- to 75dBA)	•		•	
Self-check	•		•	
Power accuracy output warning	•		•	
Split or not split patient plate allowed	•		•	
Last working condition storing	•		•	
Electrical Class (EN60601 - 1)	I CF		I CF	
MDD 93/42/EEC Class	II B		II B	
Patient circuit	<input type="checkbox"/>		<input type="checkbox"/>	
Conform to EN60601-1-4 (1998)	•		•	

FOOTSWITCHES AND BOARD

GIMA code	FOOTSWITCHES FOR MB 122, 132, 160, 200, 202
30568	Standard footswitch - 2 m cable
30576	Standard footswitch - 3 m cable
30571	Waterproof MB footswitch - 2m cable
30570	Double MB footswitch - antiexplosion, water proof
FOOTSWITCHES FOR MB 240, 250, 380, 400	
30569	Double antiexplosion, water proof footswitch - MB240-380
30572	Double antiexplosion, water proof footswitch - MB250-400
MAIN BOARD	
30557	Main board - specify model and serial number of diatermo with order
30558	Output board for MB 240, 250, 380, 400 - specify as above



It allows selection from pedal of CUT and COAG functions
 Antiexplosion and waterproof.

DIATERMO MB 200 AND MB 202 - MONO-BIPOLAR - 200 W



- 30542 DIATERMO MB 200 - 200 Watt
- 30546 DIATERMO MB 202 - 200 Watt

DIATERMO MB200 and MB202 are HF electro-surgical units suitable to perform middle monopolar or bipolar electro-surgery.

The available waveforms and peak voltage value, as well as the accurate HF leakage current operation for polypectomy, TURP, intrauterine resections, endometriosis excision, etc.

The units allow the accurate preset of the output power with as low as 1 Watt resolution and to perform coagulation by high crest factor current, to get an elevated thermal effect, as well as with low voltage low crest factor current, to get coagulation in absence of carbonization. Ten different programs related to ten different operative conditions could be stored and easily recalled by the surgeon.

The use of either split or normal neutral plates are allowed.

A special electronic circuit (Skin Plate Electronic Control) continuously checks if the plate is safely connected to the patient and detects unwanted short circuit in the connecting cable.

An over time warning (OVT) is provided to prevent excessive heating of the tissue around the surgical target due to too long current delivery time.

DIATERMO MB202, furthermore, can be used with current delivery time equal to that of actuation of the output power switch as well as with preset current delivery time in the range from 1 ms up to 999 ms.

The output pulse can be automatically repeated 1 to 250 times.

The presetting of the current delivery time is proper for collecting of bioptic samples and for microsurgical dermatologic operationy like treatment of telangiectasias, spider nevus, angiomas, etc.

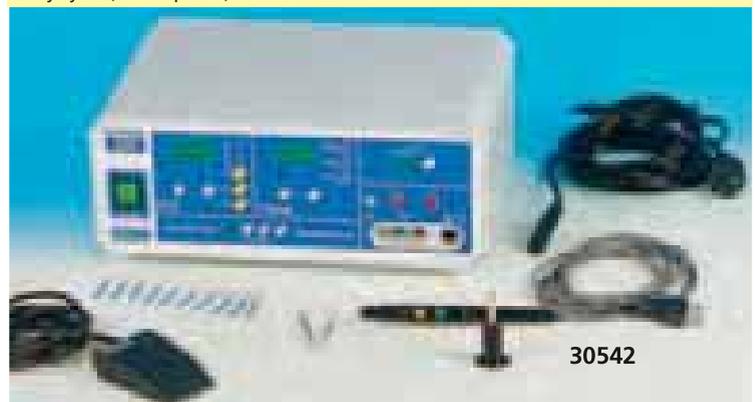
Bipolar cable and forceps are not included in standard accessories.

DIATERMO MB 200 - MB 202 STANDARD ACCESSORIES

- MB two-button handle (autoclavable code 30547) handle in beside picture is not correct
- MB operative foot-switch (usable in alternative to handle)
- MB flat neutral metal plate with cable
- Kit 9 short standard electrodes, diam. 2.4. mm.
- Power cable 2 m
- Microsurgery handle - Microsurgery needle (10 pcs.) (only MB 202)
- Manual: available in English, Italian, French (only MB 202)

TECHNICAL SPECIFICATIONS

	MB200	MB202
Minimum preselectable power	0	0
Level step digital	1	1
Maximum output power CUT (W)	200	250Ω 200 250Ω
Maximum output power CUT 90% (W)	200	250Ω 200 250Ω
Maximum output power CUT 80% (W)	200	250Ω 200 250Ω
Maximum output power CUT 70% (W)	200	250Ω 200 250Ω
Maximum output power BLEND (W)	120	200Ω 120 200Ω
Maximum output power COAG FORCED (W)	150	150Ω 150 150Ω
Maximum output power COAG SOFT (W)	90	100Ω 100 100Ω
Maximum output power BIPOLAR (W)	-	100 100Ω
Maximum output power BIPOLAR COAG (W)	100	100Ω -
Maximum output power BIPOLAR CUT (W)	120	250Ω -
Crest Factor CUT	1.5	1.5
Crest Factor CUT 90%	1.6	1.6
Crest Factor CUT 80%	1.7	1.7
Crest Factor CUT 70%	1.8	1.8
Crest Factor BLEND	2.1	2.1
Crest Factor COAG FORCED	2.0	2.0
Crest Factor COAG SOFT	1.7	1.7
Crest Factor BIPOLAR	-	1.5
Crest Factor BIPOLAR CUT (W)	1.5	-
Crest Factor BIPOLAR CUT (W)	1.5	-
Working frequency	600 kHz	600 kHz
Weight Kg	8	8
Size LxHxD mm	360x150x265	360x150x265
Selectable mains power(Vac)	115 -230	115 -230
Mains frequency (Hz)	50-60	50-60
Fuses 230Vac (5x20) TIMED	2x 3.15A	2x 3.15A
Fuses 115Vac (5x20) TIMED	2x 6.3A	2x 6.3A
Power accuracy output warning system	•	•
Split or not split patient plate allowed	•	•
Timed delivery repetition	-	1-999ms
Electrical Class (EN60601 - 1)	I CF	I CF
MDD 93/42/EEC Class	II b	II b
Patient circuit	F	F
Duty cycle (action/pause) in seconds	10/30	10/30



HOSPITAL HF ELECTROSURGICAL UNITS 240 AND 380 WATT



30690

CONTEMPORARY DUAL MODE MB 240 and 380 can be used in the same time in monopolar mode (by handle) and bipolar mode (by footswitch)

A special electronic circuit (Skin Plate Electronic Control) continuously warns the plate to patient contact safety and unwanted short circuit in the connecting cable

- 30690 DIATERMO MB 240
- 30692 DIATERMO MB 380



These HF electrocauter units can be used to execute monopolar and bipolar surgery when high precision and reliability are essential, as in the endoscopic surgery.

EASY TO USE

Graphic icons allow an easy selection of the operation mode. All operating conditions and selected output controls are represented by bright digital indications.

CUT

The monopolar cut can be performed by pure sine current to obtain an incision with a minimum damage for the adjacent tissues and sure recovery for first intention.

Two different modalities of modulation allow to reduce bleeding during monopolar cut. In the bipolar modality the cut can be effected by pure sine current.

HEMOSTASIS

When the surgical action requires the obliteration of a blood vessel the availability of currents with different coagulative powers enables this type of work both with monopolar and bipolar surgery.

FULGURATION

When it is necessary to cause a superficial necrosis of wide areas, protecting the deeper tissues, a special coagulant current that dehydrates the superficial layer of the tissue and reduces the possibility to damage those beneath is available for the operation.

OUTPUT CONTROL

Output power levels are adjustable through incremental encoders that allow the exact pre-sets and repetition of the

values. The output function is linearized and controlled by ultra-modern electronic micro-controllers which will interrupt power if any alarm condition happens.

SAFETY OF USE

Circuits dedicated to the safety of operator and patient are the priority. This ensure the leakage current is kept well under the values by the international requirements, under every output condition. Monopolar and bipolar output circuits are completely floating and the use of the defibrillator is allowed while the reference plate patient is connected.

RELIABILITY

DIATERMO MB uses all solid state electronic circuits and is made with interchangeable units for a fast and effective maintenance. Automatic control circuits protect the units from damage also in case of repeated improper use.



30692

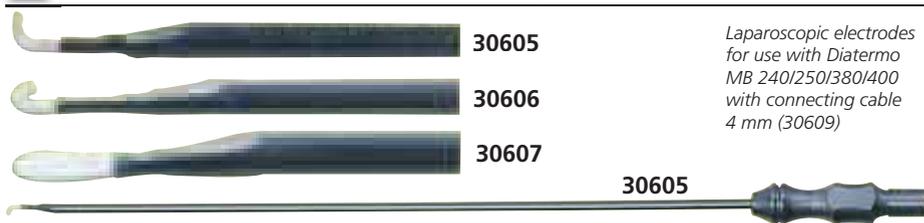
TECHNICAL SPECIFICATIONS DIATERMO MB 240/DIATERMO MB 380

Activation devices	Working frequency	Max power 240/MB 380	Peak to peak voltage	Load resistance
Bipolar: footswitch	475 kHz	250W/375W	1,4 kV	300 Ohm
Dual: bipolar - footswitch monopolar - manual				
Monopolar: footswitch manual	525 kHz	225W/340W	1,4 kV	300 Ohm
Mains: 115/230 Vac 50-60 Hz				
Absorption: 800 VA		150W/225W	1,4 kV	300 Ohm
Class I CF				
Weight: 15 kg		100W/150W	1,4 kV	300 Ohm
Size: 370 x 470 x h 150 mm				
Warranty: 12 months (accessories not included)	80W	0,5 kV	100 Ohm	
Norms: IEC 601-2-2 - IEC 601-1 CE, 93/42/EEC				
Monopolar output	80W	0,5 kV	100 Ohm	
Cut output				
Cut/coag 1 output	80W	0,5 kV	100 Ohm	
Cut/coag 2 output				
Coag 1 output	80W	0,5 kV	100 Ohm	
Coag 2 output				
Coag 3 output (spray)	80W	0,5 kV	100 Ohm	
Bipolar output				
Cut output	80W	0,5 kV	100 Ohm	
Coag output				

STANDARD ACCESSORIES

- 1 - Power supply cord SIEM-CEE 5 m
- 1 - Two-button handle (autoclavable code 30547)
- 5 - Two-button handle (cold sterilizable)
- 1 - Cable for disposable plate
- 5 - Disposable plate
- 1 - Water proof double foot switch
- 3 - Short, general surgery blade electrode
- 3 - Long, general surgery blade electrode
- 3 - Short, general surgery needle electrode
- 3 - Short, general surgery ball electrode
- 1 - User manual (Italian, English, Spanish)
- 1 - Service manual (Italian, English, French, Spanish)

LAPAROSCOPIC ELECTRODES



100

Laparoscopic electrodes for use with Diatermo MB 240/250/380/400 with connecting cable 4 mm (30609)

GIMA code	LAPAROSCOPIC ELECTRODES
30605	L-Hook electrode - 36 cm
30606	J-Hook electrode - 36 cm
30607	Spatula electrode - 36 cm
30609	Monopolar cable - 4 mm - M - F



To electrode



To generator

HOSPITAL HF ELECTROSURGICAL UNITS 250 AND 400 WATT

- ARGON COMPATIBLE
- 2 MONOPOLAR OUTPUT
- PROGRAMME MEMORY
- AUTO START/STOP (BIPOLAR)



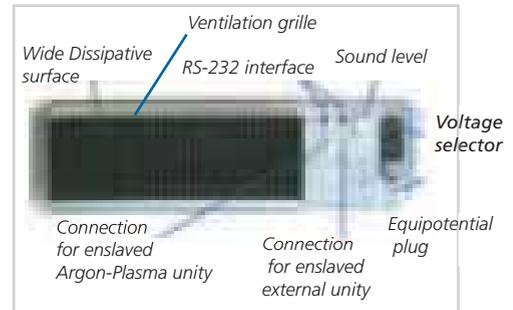
- 30694 DIATERMO MB 250
- 30696 DIATERMO MB 400

DIATERMO MB250 and MB400 are high frequency electro-surgical equipments suitable to deliver current for monopolar cut and coagulated cut (with different levels of coagulation), bipolar cut and coagulation. During bipolar coagulation there is an automatic "Autostart-Autostop" system which activates when coagulation is reached. A range of ten different modes and power levels can be easily stored and recalled. It is possible to use either single plate neutral electrodes or split conductive zone electrodes in order to control impedance stability of plate to patient contact during the surgical operation.

Control of the units is made by front panel keys and display; mains inlet is located on the rear panel. The units have automatic control systems to monitor the internal parameters and alert on possible damages/errors. The operational parameters used are constantly stored so that the last selected parameters are recalled, every time the unit is switched on or the operative method is changed. The level of sound can be adjusted, every operator can choose his own level according to the environmental working conditions. The units can work through handles with pushbuttons or handles without pushbuttons but with double foot switch. It's possible to connect bipolar forceps to the unit for the bipolar functions.

TECHNICAL SPECIFICATIONS MB250/MB400

<p>Work condition memorization Digital power visualization Continuous check control Automatic control of the plate-patient connection Automatic control of the impedance Automatic control of excessive time for distribution Automatic control of the supplied power level Bipolar coag with automatic activation/disact. Consistent with Argon unit Minimum preselectable power: 0 Unitary power step for powers from 0 W to 50 W Power step 10 for powers higher than 50 W Digital level display Selection of power through push-buttons Size LxHxP mm: 470 x 150 x 380 Weight (kg): 18 Selectable mains power (Vac): 115-230 Mains frequency (Hz): 50-60 Fuses 230Vac (5x20) TIMED: 2xT 4A/5A Fuses 115Vac (5x20) TIMED: 2xT 8A/10A Electrical input power (VA): 800/1000</p>	<p>Electrical input current (230Vac) (A): 3.5/4.5 Electrical input current (115Vac) (A): 7/9 Five steps adjustable sound level Self-check Power accuracy output warning Skin Plate Electronic Control (plate-patient control) Split or not split patient plate allowed Working condition storing: last 10 setup Electrical Class (EN60601-1): ICF MDD 93/42/EEC Class: II b EN55011 (CISPR 1 1) Class (Class/Group): 2/B Patient circuit: F Duty Cycle (action/pause) in seconds: 10-30 Output power control by foot-switch or finger-switch Defibrillation-proof Ten seconds delivery warning (OVT) Equipotential binding Metallic cabinet Polycarbonate covered panels Conform to EN60601-1 (1998) Conform to EN6060 1 - 1 -2 (2003) Conform to EN6060 1 -2-2 (2000)</p>
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STANDARD ACCESSORIES

- 1 - Power supply cord SIEM-CEE 5 m
- 1 - Two-button handle (autoclavable code 30547)
- 5 - Two-button handle (cold sterilizable)
- 1 - Cable for disposable plate
- 5 - Disposable plate
- 2 - HP double Water proof foot switch
- 3 - Short, general surgery blade electrode 7 cm
- 3 - Long, general surgery blade electrode 10 cm
- 3 - Short, general surgery needle electrode 5.5 cm
- 3 - Short, general surgery ball electrode Ø 4 mm, 6 cm
- 1 - Electrode brush
- 1 - User manual (Italian, English)
- 1 - Service manual (Italian, English)

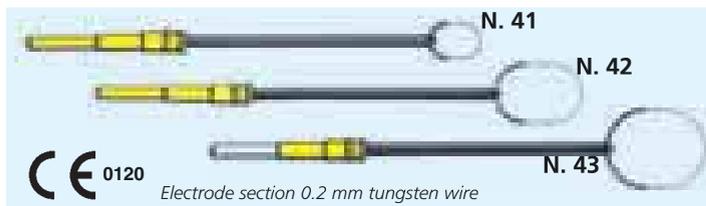


Standard accessories

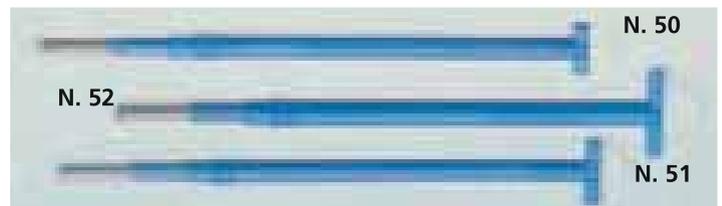
MONOPOLAR AND BIPOLAR APPLICATION DIATERMO MB 250 AND MB 400

	Working Frequency	Max Power MB250/400	Imped.	Maximum output voltage	Modulation factor	Duty Cycle	Crest Factor
Monopolar Applications	425 kHz						
Cut		250/400 W	300 Ω	1500 Vpp	-	-	1.6
Cut/Coag 80%		220/300 W	300 Ω	1500 Vpp	10 kHz	80%	1.8
Cut/Coag 60%		200/250 W	300 Ω	1500 Vpp	10 kHz	60%	2.1
Cut/Coag 40%		150/200 W	300 Ω	1500 Vpp	10 kHz	40%	2.6
Enhanced Cut		150/250 W	300 Ω	1500 Vpp	1.25 kHz	5%	1.6
Blend		150/250 W	500 Ω	2500 Vpp	-	-	1.6
Speedy Coag		100/120 W	500 Ω	2500 Vpp	8-12 kHz	20%	3.4
Deep Coag		100/120 W	500 Ω	800 Vpp	-	-	1.6
Spray Coag		60/100 W	2000 Ω	4500 Vpp	1 kHz	20%	3.4
Spray Coag Argon		60/100 W	2000 Ω	4500 Vpp	1 kHz	-	3.4
Bipolar Applications	525 kHz						
Bipolar Cut		120 W	150 Ω	800 Vpp	-	-	1.5
Bipolar Cut/Coag 80%		100 W	150 Ω	800 Vpp	10 kHz	80%	1.7
Bipolar Cut/Coag 60%		100 W	150 Ω	800 Vpp	10 kHz	60%	2.0
Bipolar Cut/Coag 40%		60 W	150 Ω	800 Vpp	10 kHz	40%	2.4
Bipolar Blend		100 W	300 Ω	1100 Vpp	-	-	1.7
Bipolar Deep Coag		70 W	100 Ω	400 Vpp	-	-	1.5

LOOP COLPOSCOPY AUTOCLAVABLE ELECTRODES



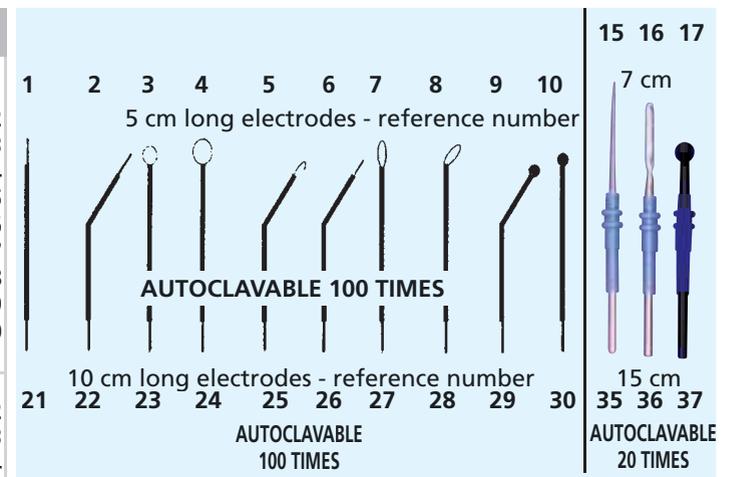
GIMA code	Reference number	COLPOSCOPY ELECTRODES - Ø 2.4 mm autoclavable at 120° C	Shaft length	Electrode width	Electrode depth
30680	41	Loop electrode - 8 mm	11 cm	8 mm	8 mm
30682	42	Loop electrode - 15 mm	11 cm	15 mm	15 mm
30683	43	Loop electrode - 20 mm	11 cm	20 mm	15 mm



GIMA code	Reference number	LOOP ELECTRODES - Ø 2.4 mm autoclavable at 120° C	Shaft length	Electrode width	Electrode depth
30686	50	Square loop electrode	13 cm	10 mm	8 mm
30687	51	Loop electrode	13 cm	15 mm	8 mm
30688	52	Loop electrode	13 cm	20 mm	10 mm

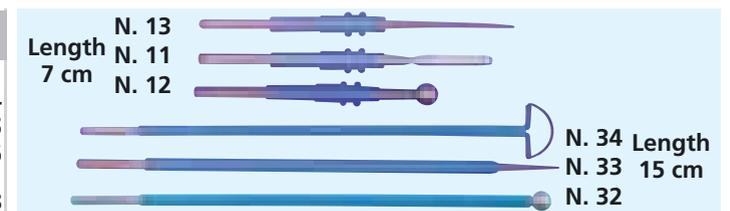
AUTOCLAVABLE ELECTRODES

GIMA code	Reference number	AUTOCLAVABLE ELECTRODES Ø 2.4 mm	Reference number	GIMA code
length 5 cm		minimum order: 6 pcs.	length 10 cm	
30501	1	Electrode wire - straight	21	30521
30502	2	Electrode wire - angled 45°	22	30522
30503	3	Electrode bend - Ø 4 - straight	23	30523
30504	4	Electrode bend - Ø 8 - straight	24	30524
30505	5	Electrode hook - angled 45°	25	30525
30506	6	Electrode wire 1 mm. - angled 45°	26	30526
30507	7	Electrode straight slip-knot - straight	27	30527
30508	8	Electrode angled slip-knot - straight	28	30528
30509	9	Electrode ball point - Ø 3 mm. - angled 45°	29	30529
30510	10	Electrode ball point - Ø 3 mm. - straight	30	30530
30500	SET	Set of 10 electrodes	SET	30531
length 7 cm		minimum order: 10 pcs.	length 15 cm	
30511	15	Needle electrode	35	30532
30512	16	Blade electrode	36	30533
30513	17	Ball electrode	37	30534



SINGLE USE STERILE ELECTRODES

GIMA code	Reference number	SINGLE USE ELECTRODES Ø 2.4 mm minimum order: 24 pcs.	Reference number	GIMA code
length 7 cm		Sterile electrode	length 15 cm	
30670	13	Needle electrode - sterile electrode	33	30674
30671	11	Blade electrode - sterile	31	30675
30672	12	Ball ø 4 mm. electrode - sterile	32	30676
-	-	Loop electrode - 15mmx8mm	34	30678



SINGLE USE, METAL AND RUBBER PLATES



- 30562 DISPOSABLE GROUND PADS WITH SOLID GEL - adult
 - 30567 DISPOSABLE GROUND PADS WITH SOLID GEL - pediatric
 - 30565 REM DISPOSABLE GROUND PADS WITH SOLID GEL - adult
 - 30563 CABLE FOR PLATES - 5 m
- Universal cable to connect plates (30555/6, 30562, 30565/6/7) to diathermo. Safety lock with universal connection - bipolar Ø 6.3 mm plug.
- 30555 DISPOSABLE NON WOVEN GROUND PADS - adult/ped
 - 30556 REM DISPOSABLE NON WOVEN GROUND PADS - adult/ped



- 30573 RUBBER PLATE 20x15 cm - without cable
- 30574 REM RUBBER PLATE 20x15 cm - without cable
- 30575 CABLE FOR RUBBER PLATES
- 30566 METAL PLATE - without cable
- 30563 CABLE FOR PLATES - 5 m
- 30559 CABLE FOR PLATES - 2.5 m



MONOPOLAR HANDLES WITH OR WITHOUT SWITCHES

MB HANDLES with 2 "click" push-buttons

GIMA autoclavable electrosurgery pencils with CUT-COAG switch have been studied and tested to offer maximum reliability and functionality to the operator. MB handles are provided with a 3 Pins socket Valley Lab type that fits all Gima monopolar Diatermo MB (122, 132, 160, 200, 202, 240, 250, 380, 400) and majority of bipolar electrosurgical units: Aspen Lab, ES Generator, EMC Statome, Danieli, Braun, Berchtold, Ohmeda, Ritter, Conmed, Eschman, Bovie, Martin, Kontron, Bard, Birtcher 771, Cobi, Valley Lab, Led, Erbe...

- **30554 MB AUTOCLAVABLE HANDLE - 100 times**
Autoclavable handle with 2 large "click" push-button, provided with a 3 meters long silicone cable and a blade electrode. It can be autoclaved up to 100 times (20 times electrode).
For electrodes Ø 2.4 mm
- **30550 PRIMA MB AUTOCLAVABLE HANDLE - 60 times**
Autoclavable handle with 2 large "click" push-button, provided with a 3 meters long silicone cable and a blade electrode. It can be autoclaved up to 60 times. **For electrodes Ø 2.4 mm**
- **30548 STAR AUTOCLAVABLE HANDLE - 30 times**
Same as code 30554 but autoclavable up to 30 times (electrode is autoclavable up to 20 times). **For electrodes Ø 2.4 mm**
- **30549 STAR 5 AUTOCLAVABLE HANDLE - 30 times**
Same as STAR, but with a 5 meters long silicone cable
- **30547 ORION AUTOCLAVABLE HANDLE - 100 times**
Same as 30554, but with a screw clamp locking system that not only guarantees a safe contact, but also adapts to the different electrode diameters.
- **30551 KIRKY SINGLE-USE HANDLE-STERILE**
Single-use handle with "click" push-buttons for cut and coag. Includes blade electrode. **minimum order: 10 pcs.**
- **30553 GIMA SINGLE-USE HANDLE-STERILE**
Same as 30551 **minimum order: 10 pcs.**

106-108 HANDLES

These handles are provided with a 1 Pin socket (4 mm) that fits all Gima Diatermo and majority of electrosurgical units in the market. These handles **do not have push-buttons**.

- **30519 AUTOCLAVABLE 106-108 HANDLE**
Autoclavable handle without buttons, provided with a 3 meters long cable and a blade electrode. It can be autoclaved up to 50 times.
- **30518 KIRKY SINGLE-USE 106-108 HANDLE- STERILE**
Single-use handle without button with blade electrode with 4 mm PIN connection. **minimum order: 10 pcs.**

MICROSURGERY

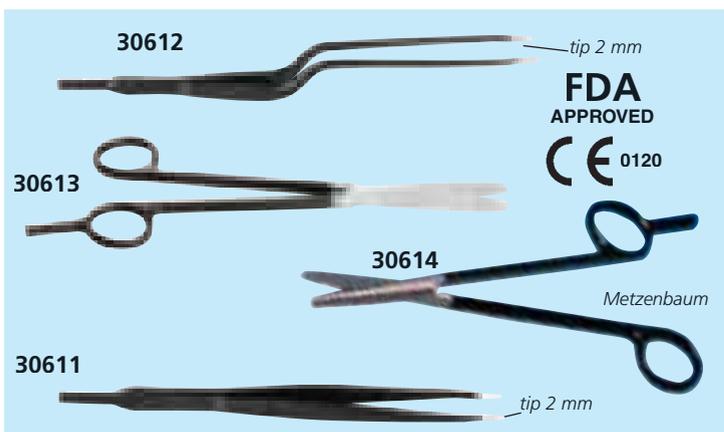
- Microsurgery accessories for all GIMA Diatermo and electro-depilators
- **30552 MICROSURGERY HANDLE**
 - **30560 MICROSURGERY NEEDLE**

ELECTRODE BRUSH

- **30537 ELECTRODE BRUSH - 50x50 mm**
Disposable sterile radiopaque abrasive tip cleaner pad. Box of 100



MONOPOLAR FORCEPS, SCISSORS AND CABLES



30610 Monopolar forceps are provided with a 4 mm connection for standard monopolar cables. These can be used with all Gima, Led, Erbe and many other electrosurgical units in the market.

GIMA code	INSULATED MONOPOLAR INSTRUMENTS
30610	Monopolar cable - 4 mm pin
30611	Mc INDOE straight monopolar forceps 15 cm. (6")
30612	Bayonet monopolar forceps - 19 cm. (7 1/2")
30613	Monopolar scissors - 18 cm. (7")
30614	Metzenbaum monopolar scissors - straight - 18 cm (7")
30615	Metzenbaum monopolar scissors - curved - 18 cm (7")

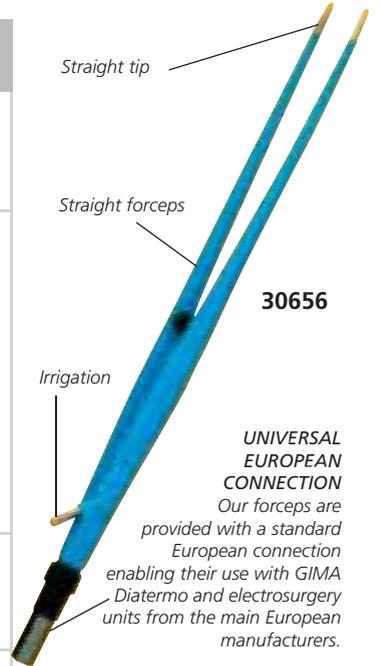
UNIVERSAL HIGH QUALITY INSULATED BIPOLAR FORCEPS

EUROPEAN CONNECTOR BIPOLAR FORCEPS



CE 0120 ISO 9001 ISO 13485
 FDA Approved

GIMA code	Model	Connector	Length		Tip style	Application	Tip size
			cm	inches			
30645	BINNER	EU	22 cm	8 1/2"	ANGLED	ENT	-
30646	BINNER	EU	18 cm	7"	STRAIGHT	ENT	-
30647	BINNER	EU	18 cm	7"	ANGLED	ENT	-
30648	BINNER	EU	19 cm	7 3/8"	ANGLED 45°	ENT	-
30650	STRAIGHT	EU	18 cm	7"	STRAIGHT	GENERAL	1 mm round points
30656	STRAIGHT with irrigation	EU	18 cm	7"	STRAIGHT	GENERAL	1 mm round points
30651	STRAIGHT	EU	20 cm	7 3/4"	STRAIGHT	GENERAL	1 mm round points
30658	STRAIGHT	EU	20 cm	7 3/4"	STRAIGHT	GENERAL	2 mm round points
30652	STRAIGHT	EU	18 cm	7"	ANGLED	GENERAL	1 mm round points
30653	STRAIGHT	EU	20 cm	7 3/4"	ANGLED	GENERAL	1 mm round points
30654	BAYONET	EU	18 cm	7"	STRAIGHT	GENERAL	1 mm round points
30655	BAYONET	EU	20 cm	7 3/4"	STRAIGHT	GENERAL	1 mm round points
30660	STRAIGHT	EU	18 cm	7"	ANGLED	GENERAL	0.3 mm points
30661	STRAIGHT	EU	18 cm	7"	STRAIGHT	GENERAL	0.3 mm points
30662	STRAIGHT	EU	20 cm	7 3/4"	STRAIGHT	GENERAL	0.3 mm points
30665	JEWELER 5	EU	11.5 cm	4 1/2"	STRAIGHT	OPHTHALMIC/MICRO	0.25 mm points
30666	JEWELER 5	EU	11.5 cm	4 1/2"	ANGLED	OPHTHALMIC/MICRO	0.25 mm points
30667	STRAIGHT	EU	15 cm	6"	STRAIGHT	OPHTHALMIC/MICRO	0.5 mm points
30668	STRAIGHT	EU	15 cm	6"	ANGLED	OPHTHALMIC/MICRO	0.5 mm points
30669	Mc PHERSON	EU	10.2 cm	4"	STRAIGHT	OPHTHALMIC/MICRO	0.5 mm points



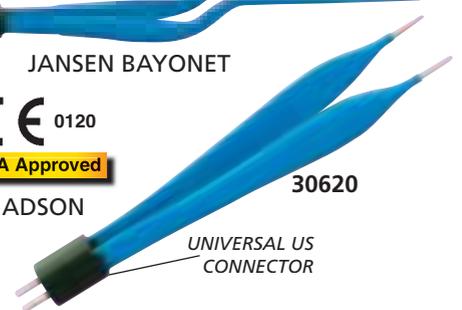
UNIVERSAL EUROPEAN CONNECTION
 Our forceps are provided with a standard European connection enabling their use with GIMA Diatermo and electrosurgery units from the main European manufacturers.

US CONNECTOR BIPOLAR FORCEPS



GIMA code	Model	Connector	Length		Application	Straight tip Size
			cm	inches		
30620	ADSON	US	12.1 cm	4 3/4"	GENERAL/PLASTIC	1 mm round points
30621	SEMKIN	US	14 cm	5 1/2"	GENERAL/PLASTIC	0.5 mm points
30622	CUSHING	US	15.9 cm	6 1/4"	GENERAL/PLASTIC	1 mm round points
30623	JANSEN BAYONET	US	17.8 cm	7"	GENERAL/PLASTIC	1 mm round points

CE 0120
 FDA Approved
 ADSON



BIPOLAR CABLES FOR MAJOR BRANDS

CE 0120

Quality highly flexible silicone bipolar cables. Autoclavable at 134°C up to 70 times 3 m long (10"). Suitable for most generators, see below compatibility, and with connector for European or US forceps



GIMA code	30640	30637	30643	30639	30638
Connector to forceps	EU	US	EU	EU	EU
Connector to electrosurgical unit (check beside compatibility list for brand and model)	4 mm banana plug GIMA (MB240/250/380/400) VALLEY LAB CONMED, CODMAN OLYMPUS		GIMA MB122 MB160 MB132 MB200 MB202	MARTIN BERTHOLD AESCULAP WOLF	ERBE SELECT DOWN SIEMENS

GERMAN FLEXIBLE NOSEPHARYNGOSCOPE

• **71602 FLEXIBLE NOSEPHARYNGOSCOPE** with cable
It includes fibre optic cable and rigid case for transport, conventional image guide system, 2 way deflection, one hand operation, completely soakable. Resolution: 8,000 pixels.

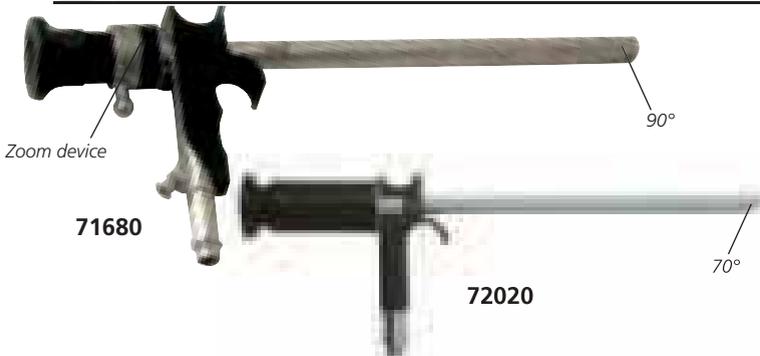
TECHNICAL SPECIFICATIONS:

Working length: 300 mm Working Ø: 3.2 mm
Deflection: up 160°, down 160°
Length of movable tip section: 20 mm
Direction of view: 0° Field of view: wide angle
Depth of focus: 3-60 mm - angle of: 80°
Made in Germany

• **71610 ENDOSCOPY MOUTHPIECE** - bag of 20 pcs
Disposable bite blocks



LOOP LARYNGOSCOPE - TELE-LARYNGO - PHARYNGOSCOPE



- **71680 LOOP LARYNGOSCOPE** Ø 10 x 153 mm - 90°
 - **71681 TELE-LARYNGO-PHARYNGOSCOPE** Ø 8 x 164 mm - 70°
 - **71682 TELE-LARYNGO-PHARYNGOSCOPE** Ø 6 x 164 mm - 70°
- Sharp image, significant depth of field
- high performance illumination, German quality
- two different degrees of magnification:
panoramic view and examination of details (only 71680)
- integrated air channel for prevention of misted objective (only 71680)
- soakable and designed for gas sterilization
- working distance 15 mm to ∞
- **72020 LARYNGOSCOPE** Ø 5 x 175 mm - 70°
 - **72021 TELE-LARYNGOSCOPE** Ø 8 x 178 mm - 70°
 - **72023 TELE-LARYNGOSCOPE** Ø 8 x 175 mm - 90°

RIGID ENDOSCOPES



GIMA code	LUT RIGID ENDOSCOPES MADE IN GERMANY To be used for ENT and ARTHROSCOPY applications
71630	Telescope Ø 1.7 x 96 mm - 0°
71621	Otoscope Ø 2.7 x 34 mm - 0° - autoclavable
71641	Telescope Ø 2.7 x 110 mm - 0° - autoclavable
71643	Telescope Ø 2.7 x 110 mm - 30° - autoclavable
71645	Telescope Ø 2.7 x 110 mm - 70° - autoclavable
70012	Telescope Ø 2.7 x 187 mm - 0° - autoclavable
70014	Telescope Ø 2.7 x 187 mm - 30° - autoclavable
70016	Telescope Ø 2.7 x 187 mm - 70° - autoclavable
71661	Telescope Ø 4 x 175 mm - 0° - autoclavable
71665	Telescope Ø 4 x 175 mm - 30° - autoclavable
71668	Telescope Ø 4 x 175 mm - 45° - autoclavable
71667	Telescope Ø 4 x 175 mm - 70° - autoclavable

GIMA code	GIMA RIGID ENDOSCOPES to be used for ENT and Arthroscopy applications
72007	Telescope Ø 2.7 x 107.5 mm - 0°
72008	Telescope Ø 2.7 x 107.5 mm - 30°
72009	Telescope Ø 2.7 x 107.5 mm - 70°
72010	Telescope Ø 4 x 175 mm - 0°
72011	Telescope Ø 4 x 175 mm - 30°
72012	Telescope Ø 4 x 175 mm - 70°
72013	Telescope Ø 4 x 175 mm - 45°
72015	Otoscope Ø 4 x 50 mm - 0°
72030	Telescope Ø 4 x 175 mm - 0° - autoclavable
72031	Telescope Ø 4 x 175 mm - 30° - autoclavable
ILLUMINATION HANDLES FOR ENDOSCOPES	
30795	FLYER HANDLE - light source for endoscopes 71621+30795
30794	FLYER LED HANDLE - powerful handheld light source

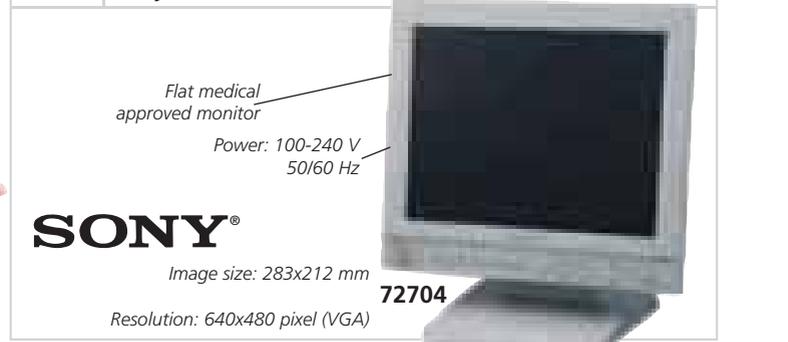
MEDICAL CERTIFIED, CAMERA AND MONITORS



TECHNICAL SPECIFICATIONS - 72509	
Resolution PAL (lines horizontal):625	Camera head: Ø44x135mm
Video system: PAL 1/3 CCD - CHIP	Norms: EN60601-1-BF/CE
Video outputs: Y/C (S-VHS), F BAS	Power supply: 100/230 V - 50-60/Hz
Size (w x h x d): mm 150 x 80 x 30 mm	Made in Germany

• **72510 ENT SOFTWARE REPORT**
Images acquisition and storage, data and visit management, customized reports printing, MS Win XP, ME, 2000 full compatibility VideoGrabee directly connected to the instrument's video source for image acquisition. Multilanguage version (Ita, Eng, Spa, Fra, Port), other languages on request.

GIMA code	CAMERAS, ACCESSORIES AND MONITORS
72509	C1 Compact Camera CCD chip 1/3 - soakable head and cable
72705	LCD Medical Monitor 15"
72704	Sony LMD 1420 MD - LCD Monitor - 14"
72706	Sony LMD 1950 MD - LCD Monitor - 19"
72707	Sony LMD 2140 MD - LCD Monitor - 21"



150 W HALOGEN LIGHT SOURCES



Thanks to connectors it can be used with STORZ, WOLF, OLYMPUS, PENTAX, FUJI cables

• 30801 GIMA LIGHT SOURCE 150 Watt

Compact, lightweight, powerful light source for endoscopic use. Equipped with a 150 watt halogen bulb. It has a small opening on the upper side for easy and quick replacement. A low noise fan positioned behind the halogen bulb provides the necessary cooling inside the metallic structure of the light source. A variable-intensity regulator enables selection 50 to 150 W. User manual in English, Spanish, French, Italian, Greek, Portuguese.

• 30802 GIMA DOUBLE LIGHT SOURCE 150 Watt x 2

Similar to 30801, but with 2 independent bulbs, to illuminate at the same time 2 instruments or to quickly change if one bulb burns out.



GIMA code	CONNECTORS FOR GIMA LIGHT SOURCE TO DIFFERENT CABLES	TECHNICAL SPECIFICATIONS
30810	STORZ cable connector	Input for GIMA, SCHOLLY and LUT cables Dimension: 21x20x h 11 cm / 29 x 20.7 x h 13.5 cm Max power absorption: 170 Watt / 340 Watt Two protection fuses: 1.6 A.T. Power supply: 230V-50 Hz Norms: IEC 601-1 - 93/42/EEC (Class: I - Type: BF) Made in Italy: GIMA S.p.a.
30811	WOLF cable connector	
30812	OLYMPUS cable connector	
30815	PENTAX cable connector	
30808	Spare lamp for GIMA light source	

F. O. HEAD LIGHTS



• 30850 WIDA FIBRE OPTIC HEAD LIGHT

• 30854 WIDA PLUS FIBRE OPTIC HEAD LIGHT fibre optic cable complete with head light system

WIDA illumination systems are available in two versions: one with simple headband and standard illumination head, the other with professional headband, easily adjustable, and thin head. Both include F.O. cable with adaptor for connection to GIMA light sources (30801-30802).

Here below are available connectors to other light sources. Light beam can be focused through a focusing ring.

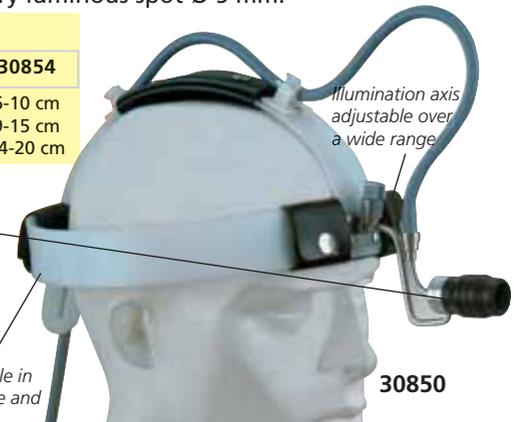
• 30851 FOCUS DEVICE (for WIDA 30850) useful for ENT applications. It reduces light in a very luminous spot Ø 5 mm.

Diameter focus:

DISTANCE	30850	30854
20 cm	7-15 cm	6-10 cm
30 cm	10-22 cm	9-15 cm
50 cm	16-35 cm	14-20 cm

An exceptionally bright headlight with an illumination head for coaxial, shadow-free illumination of the viewing area.

Headband is padded and fully adjustable in circumference and height.



SURGICAL FIBRE OPTIC LIGHT CABLES AND ADAPTORS



1 LIGHT SOURCE ADAPTORS to connect GIMA F.O. cables to light sources

- 30830 GIMA light source adaptor
- 30831 STORZ - AESCULAP-MARTIN light source adaptor
- 30832 WOLF - HENKE SASS - DYONICS - MEDICON - COMEG light source adaptor
- 30833 OLYMPUS light source ad.
- 30834 ACMI light source adaptor
- 30837 PENTAX light source ad.

2 ENDOSCOPE ADAPTORS - on the cables to connect endoscopes to GIMA F.O. cables

- 30840 ENDO STORZ adaptor
- 30841 ENDO WOLF adaptor
- 30842 ENDO ACM, OLYMPUS-STRYKER adaptor

- 30818 FIBRE OPTIC CABLE 4.8 x 1,800 mm
- 30822 FIBRE OPTIC CABLE 3.5 x 2,300 mm
- 30823 FIBRE OPTIC CABLE 4.8 x 2,300 mm
- 30826 FIBRE OPTIC CABLE 4.8 x 3,000 mm

High transmission surgical light cables, armoured but highly flexible with unique features:

- no burn outs
- strain relieved by kevlar and protected by silicone hose
- steam autoclavable with warranty (12 months)
- light source end temperature resistant up to 300°C
- kink resistant
- no electrical interferences with endoscopic surgery units
- quality according MedGV and CE (min. 5000 V overvoltage protection)
- serial number reference marked on each cable
- stainless steel adaptors enables our cables to be used with other manufacturers light sources/instruments

• 29975 FIBRE OPTIC CLAMP

- 29975 FIBRE OPTIC CLAMP
- 30844 STORZ/LUT ENDOSCOPE ADAPTORS
- 30845 WOLF ENDOSCOPE ADAPTORS



ENT HEAD MIRRORS AND GIMA AC/DC TRANSFORMER

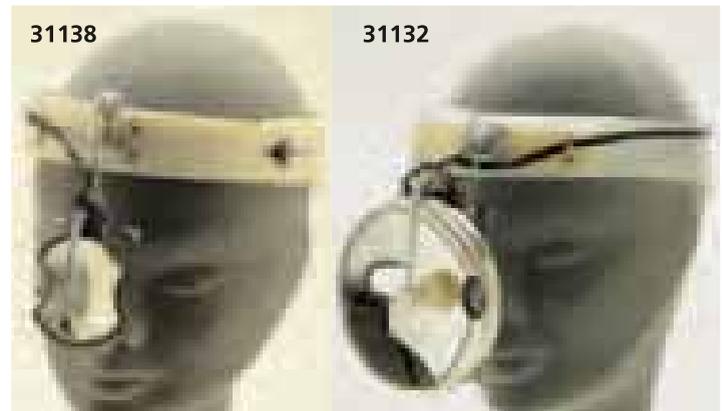


• 31130 GIMA 5 AC/DC TRANSFORMER
This is a real transformer to feed Clar and Storz mirrors, Nystagmus glasses and any instrument which requires from 1.2V to 10V dc 500 mA power. Made in Italy.

TECHNICAL SPECIFICATIONS

Absorption: 6.6 Watt. Power supply: 230 V - 50 Hz
Size: 163 x 105 x 60 mm Norms: 93/42/EEC
User manual: English, Spanish, French, Italian, Greek, Portuguese.

GIMA code	MIRROR'S ACCESSORIES	Minimum order
31133	Spare glass for Clar mirror	-
31136	Spare glass for Storz mirror	-
31139	Spare glass for Storz mirror with reg.	-
31145	Bulbs for Clar and Storz mirrors (6 volt - 5W)	10 pcs.



• 31132 CLAR MIRROR - Ø 100 mm
Classic ENT head mirror (diameter 100 mm) in special German glass, mounted on an adjustable band. Bulb and power cable included. Sold in cardboard box. Made in Germany.

• 31135 STORZ MIRROR - Ø 55 mm
Classic ENT head mirror (diameter 55 mm) in special German glass, mounted on an adjustable band Bulb and power cable included. Sold in cardboard box. Made in Germany.

• 31138 STORZ MIRROR WITH FOCUS REGULATION - Ø 55 mm
Storz mirror as above but with focusing device.

NEW GENERATION ENT MIRRORS

These new generation quality head mirrors Ø 55 or 100 mm illuminate perfectly the examination area in every situation. Long life 6V lamp provides bright and natural light, quality silver coated mirror allows optimum light reflection. Mirror and light beam can be easily and precisely adjusted.

Ergonomic and comfortable head band can fit any head size.

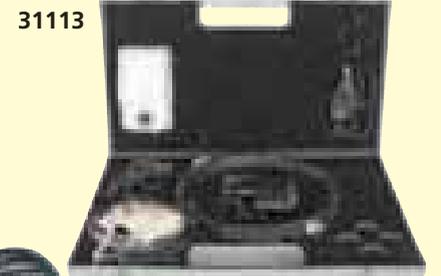
Available also in a sturdy plastic case with all accessories.



Simple adjustment using rotating knob

Silver coated mirrors produce an extremely bright light

Comfortable, padded head band easy to remove for cleaning



Lux 100 kit includes mirror with head band, bulb, extension cable 30 cm with on/off switch, extension cable 80 cm, battery pack and charger, plug in transformer

STANDARD ACCESSORIES

	LUX MIRRORS	LUX KITS
	31110-31111	31112-31113

- Mirror with head band
- Long life bulb
- Extension cable 2 m (to transformer)
- Extension cable with on/off switch 30 cm
- Extension cable 80 cm
- Battery pack and charger
- Plug in transformer 100/240V with cable
- Sturdy plastic case

VISION XENON BATTERY HEADLIGHT

• 30855 VISION XENON LIGHT with soft headband
• 30856 VISION PLUS XENON LIGHT with rigid headband
Cordless lightweight headlight with xenon incandescent lamp suitable for mobile purpose and ENT examinations, available in two versions: with rigid head band for professional use and with soft headband for a more versatile use. This headlight provides an incomparable mobility, an intensive

and white light as well as a simple and comfortable handling. A special mirror focuses the beam to a concentrate spot.

- 30857 SPARE BULB for VISION**
- 32201 "AA" ALKALINE BATTERIES - blister of 4 pcs**



TECHNICAL SPECIFICATIONS

Weight: 160 g (incl. Batteries)
Power supply: 2x alkaline batteries size AA (included)
Bulb: 6,000 candle power xenon lamp (7 lumens)
Color temperature: approximately 3,200° K
Headband: - elasticated softband for code 30855
 - rigid adjustable band for code 30856
Light outlet: height and inclination angle adjustable

If working distance:	20 cm	30 cm
Then Spot-Ø	50 mm	65 mm
Intensity:	3200 lux	1500 lux



LED HEAD LIGHT AND LOUPES

• 30890 GIMA LED HEAD LIGHT - 3W

New LED Headlight provides cool, bright shadow-free, white light for procedures and examinations. Supplied in alluminium box with rechargeable 7.2V lithium battery and recharger.

2.5 hours continuous run-time on a fully charged battery

25,000 LUX at 250 mm

6,000° KELVIN



lightweight: 70g

Adjustable light spot at 420 mm with iris diaphragm: 20-100mm

30890



BINOCULAR LOUPES:

Light weight, ergonomically superior Galilean-style flip-up loupes. Can be used independently or mounted on 30890.

Multi-coated and high grade glass lenses provide clean and sharp image. Eyepiece with wide field of view. Deep focus to see object stereoscopically. Loupes angles can be easily adjusted between 0° and 40° to minimize fatigue even after prolonged use. 6 mm up and down displacement. Adjustable pupil distance to fit different types of face.



GIMA code	BINOCULAR LOUPES	Magnification	Working distance	Field of view Ø
30892	Binocular Loupe	2.5x	340 mm	80 mm
30894	Binocular Loupe	2.5x	420 mm	100 mm
30897	Binocular Loupe	3.5x	340 mm	65 mm
30898	Binocular Loupe	3.5x	420 mm	80 mm

HEINE LED HEAD LIGHT

POWERFUL LED ILLUMINATION

50,000 LUX at 250 mm



HEINE OPTOTECHNIK



30885

• 30885 HEINE 3S LED HEAD LIGHT

Ultra bright and compact HEINE 3S LED HeadLight for powerful, coaxing illumination.

- **50,000 Lux of bright, white light:**

With a reference colour temperature of 5,600 Kelvin and an extraordinary 50,000 Lux of illumination, the 3S LED HeadLight is more than twice as bright as conventional Headlights

- **Compact and Light-Weight:**

The compact design ensures clear, unobstructed coaxial illumination. The 3S LED HeadLight weighs only 70 grams ensuring user comfort even during prolonged use.

- **Flexibility:**

Continuously adjustable spot size and brightness control. Mains or 2.5 hours operating time with portable power supply. Rechargeable battery pack and direct mains transformer included.

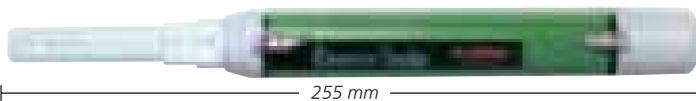
TECHNICAL SPECIFICATIONS

Power supply:	Rechargeble Battery Pack with NiMH battery and direct mains transformer
Illumination:	50,000 lux at a working distance of 250 mm
LED operating life:	20,000 hours
Spot adjustment:	20 mm to 130 mm illuminated field diameter (at 500 mm)
Colour temperature:	5,600°K
	Made in Germany

WIRELESS DENTAL CAMERA

Light weight: 125g

50x magnification



255 mm

• 72531 WIRELESS DIGITAL INTRAORAL CAMERA

• 72534 DISPOSABLE COVERS - box of 500 pcs

• 72535 WIRELESS MONITOR 12"

• 72536 USB TRANSFER STATION TO PC

Wireless image transfer in 2 different modes:

① - To PC through USB TRANSFER STATION (72536)

② - Directly to dedicated monitor 12" (72535)

Main features:

- high quality CCD images
- brightness adjustment
- 2 images comparison mode
- battery level indicator
- auto focus
- 1.36 M pixels
- 15 images memory capacity
- anti-fog lens
- 50x magnification
- autoclavable cap

JAPANESE TECHNOLOGY



With SD Memory card

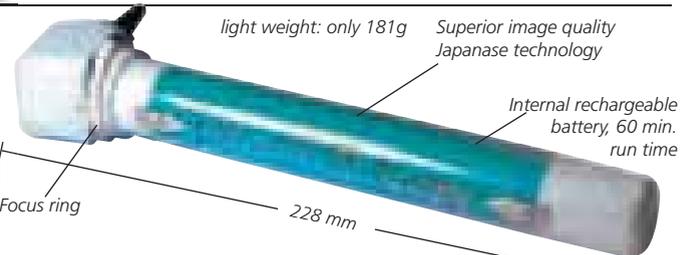


USB Morse typeS (72536)

WIRELESS VIDEO OTOSCOPE

light weight: only 181g

Superior image quality Japanese technology



Internal rechargeable battery, 60 min. run time

Focus ring

228 mm

• 72550 WIRELESS VIDEO OTOSCOPE

• 72551 EAR SPECULA - box of 2 pcs (Ø 2.5 and 3 mm)

• 72535 WIRELESS MONITOR 12"

• 72536 USB TRANSFER STATION

Wireless image transfer in 2 different ways:

① - To PC through USB TRANSFER STATION (72536)

② - Directly to dedicated monitor 12" (72535)

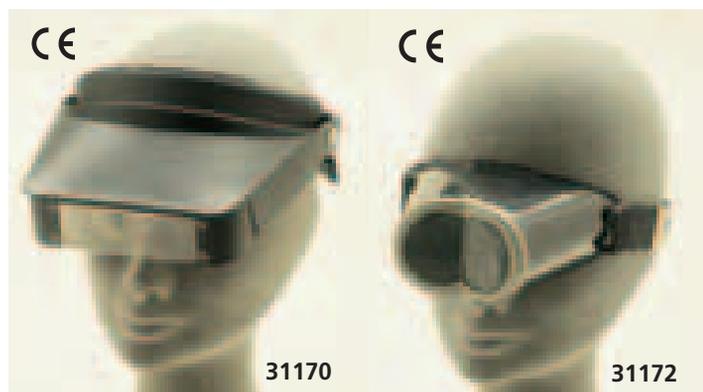
Main features:

- Led light
- on board memory (16 images)
- easy focus with one finger
- internal battery: 60 min run time
- resolution 680,000 pixel
- supplied with charging station and 2 speculum (Ø 2.5 and 3 mm)



Dedicated monitor 12" (72535)

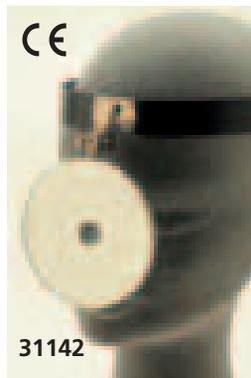
OCCHIALI INGRANDENTI



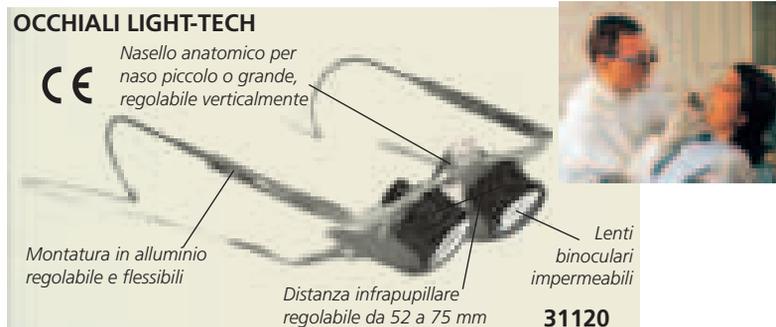
• 31170 HEAD LOUPE
sistema a doppio livello di ingrandimento (2,2X e 3,3X).
 La lente di ingrandimento con cingitesta è un sistema estremamente leggero che permette un'ampia visuale per mezzo di due lenti speciali acritiche. La prima lente fornisce un ingrandimento di 2,2X, abbassando la seconda lente, che si sovrappone alla prima, si ottiene un ingrandimento totale di 3,3X. Il sistema ingrandente HEAD LOUPE è sempre sovrapponibile a qualunque paio di occhiali.

• 31172 BINOCOLO BERGER - 3,5X
 Binocolo indispensabile per esami superficiali in oculistica e laringoiatria. Provvisto di lenti lavorate otticamente, orientate secondo schemi rigidi, infrangibili, tarate focalmente per poter essere usate da qualsiasi persona, anche sopra occhiali da vista.

• 31142 SPECCHIO DI ZEGLER
 Specchio frontale (diametro 90 mm) in speciale vetro tedesco, montato su una fascia in fibra nera regolabile. Produzione Tedesca



OCCHIALI CHIRURGICI E DENTALI



OCCHIALI GALILEIANI	Dentale		Chirurgico	
Occhiali Light-Tech	31120	31121	31122	31123
Occhiali Flip-up	31175	31176	31177	31178
Ingrandimento	2X	3X	2X	3X
Apertura ingrandimento mm	30	22	30	22
Apertura lenti oculari	11	11	11	11
Campo visivo a 400 mm	100	45	130	80
Lunghezza ottica mm	33	33	33	33
Distanza di lavoro mm	350	350	450	450
Peso g	15	12	15	12
Profondità di campo mm	120	90	150	110

SISTEMA MODULARE IUKO

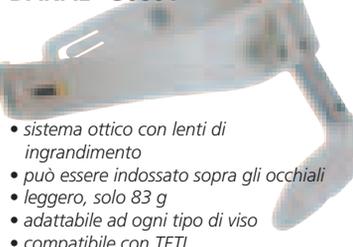
SISTEMA MODULARE IUKO: unico per tutti gli usi
 Consente di combinare diversi elementi per protezione, ingrandimento, illuminazione... Tutti gli elementi possono essere utilizzato indipendentemente o combinato con altri.

SCHERMO PROTETTIVO
TETI - 30860



- Protegge da schizzi di liquidi
- leggero e confortevole, solo 130 g
- schermo protettivo pieghevole dietro la nuca
- può essere indossato sopra gli occhiali.

OCCHIALI INGRANDENTI
DANAE - 30861



- sistema ottico con lenti di ingrandimento
- può essere indossato sopra gli occhiali
- leggero, solo 83 g
- adattabile ad ogni tipo di viso
- compatibile con TETI

PROIETTORE REGOLABILE



- proiettore LED regolabile
- 2 diverse intensità luminose (30'000 e 50.000 lux a 25 cm, autonomia di 6 e 4 ore)
- temperatura di 6'500°K
- batteria posizionabile sulla banda frontale
- compatibile con TETI

OCCHIALINI GALILEIANI



- Sistema ottico ingrandente con telescopio galileiano
- occhialini impermeabili
- compatibile con TETI

OCCHIALINI + PROIETTORE + MASCHERA

E' possibile realizzare il sistema sotto indicato combinando lo schermo protettivo (TETI) con gli occhialini+proiettore (NIKE).



30870/1 + 30860



OCCHIALINI + PROIETTORE
NIKE 30870/1

Questo sistema include degli occhialini galileiani (CALLIOPE) ed il proiettore a luce LED (IRIDE)

Codice GIMA	SISTEMA MODULARE IUKO
30860	TETI- schermo protettivo
30861	DANAE- cingitesta con tre lenti (1,7/2,2/3X)
30864	CALLIOPE- occhialini galileiani 3X - dentale (distanza di lavoro 35 cm)
30865	CALLIOPE- occhialini galileiani 3X - chirurgico (distanza di lavoro 45 cm)
30866	CALLIOPE- occhialini galileiani personalizzato: ingrandimento da 2X a 3X, distanza di lavoro da 28 a 60 cm - da specificare con l'ordine
30867	IRIDE - proiettore luminoso - LED
30870	NIKE- occhialini galileiani 3X (35 cm) + proiettore
30871	NIKE- occhialini galileiani 3X (45 cm) + proiettore
30875	Set di 5 schermi protettivi - di ricambio
30876	Pacco batteria - di ricambio

OPERATING THEATRE LIGHTS FOR MAJOR SURGERY: 300,000 LUX

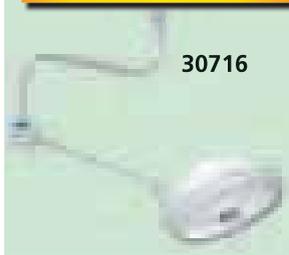
D 1200 (D600+D600): 300,000 LUX

Light aluminium structure (tubing Ø 60 mm)



30719

D 600: 150,000 LUX



30716

D 800 (D400+D400): 200,000 LUX

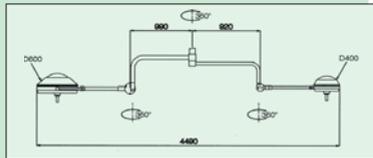


30717

D 1000 (D600+D400): 250,000 LUX



30718



ELLIPTIC LIGHTS

The correct illumination of the operating field requires "Quality light". Quality GIMA offer, satisfy requisites of quality:

- exact reproduction of IRC colours
- total elimination of the shadows on the operation field
- deep illumination to highlight smallest details
- cold light, avoiding dehydration of the tissue
- uniform wave length

These high technology apparatuses are designed to guarantee technical-illumination performance, unique of its kind.

Complex mathematical calculations permitted the creation of the original and revolutionary stratified and in-depth multi-elliptical reflector for intense shadowless light. The reduced dimensions and the lightness of the reflector give the product stability and make it extremely easy to handle. Special filters eliminate the infrared rays generated by the halogen lamp, guaranteeing cold light. The luminous beam is always in focus, from a minimum distance of 60 cm. The diameter of the illuminated field is manually adjustable by rotating the sterilizable handle at the centre of the reflector.

Other features:

- Luminous intensity can be adjusted electronically by 20000 lux up to maximum intensity
 - Central and lateral non stop 360° rotation
 - Rapid engagement handle sterilizable at 134°C
 - Diffusion screen in tempered glass protects luminous source
 - Light aluminium structure (Ø 60 mm) for easy installation
 - Optional battery group consisting of batteries, battery charger, and electric circuit with 1 hour autonomy.
 - "Elliptic" reflector for excellent luminous intensity
 - DLE device consisting of electronic commutation card and reserve lamp for immediate reserve lamp switch-on in case of damage of main lamp (standard for D600, optional for D400).
- Lights include iron anchoring tube, ceiling welded plate, covering and control panel for light intensity regulation. Conform to the 93/42 CE Medical Device directive and marked CE as a CLASS I medical device.

GIMA code	ELLIPTIC THEATRE LIGHTS*
30716	D600 Elliptic light: 150,000 lux
30717	D800 Elliptic light: 200,000 lux (100,000+100,000)
30718	D1000 Elliptic light: 250,000 lux (150,000+100,000)
30719	D1200 Elliptic light: 300,000 lux (150,000+150,000)

*Specify ceiling height with order

GIMA code	ACCESSORIES
30731	Spare bulb D400
30729	Spare bulb D600
30732	Spare autoclavable handle
30728	DLE commutation with reserve bulb**
30726	Battery group for D600*** 1 hour autonomy
30727	Battery group for D800*** 2 hours autonomy
30725	Battery group for D1000 / D1200***

Standard with D600, optional for D400 * To be installed at order



Special filters eliminate infrared rays guaranteeing cold light



Shadowless: total elimination of the shadows from operating field



Depth of light to highlight details

TECHNICAL SPECIFICATIONS:

		30716	30717	30718	30719	
Performance	Light intensity at 1 m distance (Ec)	klx 150	200 (100+100)	250 (150+100)	300 (150+150)	
	Color temperature of radiated energy	°K 4,200	4,200	4,200	4,200	
	Color rendering index (CRI)	Ra 94	94	94	94	
	Light field adjustable from/to	cm 11/23	10/18	11/23	11/23	
Electrical data	Total radiated energy Ee where the illumination reaches max level	W/m² 490	230+230	490+230	490+490	
	Operating power	V	230 (110 on request)	-	-	
	Electrical absorption	VA	190	120+120	190+120	190+190
	Lamp type (24V)	W	150	100+100	150+100	150+150
	Average lamp life	h	2,000	2,000+2,000	2,000+2,000	2,000+2,000
General data	Electrical control of the illumination	dimmer	dimmer	dimmer	dimmer	
	Colour	Ral 9003	Ral 9003	Ral 9003	Ral 9003	
	Minimum height of the room	cm	299	270	279	289
	Norms	Standard	93/42 EEC - IEC 60601-2-41			
	Diameter of the cupole	cm	63	40+40	63+40	63+63
	Diameter of elliptic reflector	cm	56	36+36	56+36	56+56
	Useful lighting surface	cm²	2310	740+740	2310+740	2310+2310
	Weight	Kg	45	35+35	45+35	45+45

PENTALED MINOR SURGERY LAMP 100,000 LUX

LED LIGHT INNOVATIVE TECNOLOGY

This new source of compact light provides many advantages:

- LED do not emit infrared rays so that the light generated is completely cold
- LED do not emit ultra violet rays
- The life of LED is over 50,000 hours (over 25 times than traditional lamp)
- The colour temperature always remain constant
- Every parabola reflects homogeneous white light without showing edges of colour on the illuminated part
- Low power consumption for a more economic solution (increasing battery autonomy up to 4 hours)

PENTALED 30 (15+15): 2 different lights

Is a high-tech surgical light with LED Technology. Light beams are indirectly reflected through an elliptical parabola to obtain shadowless light. Light can be easily selected through an electronic device to obtain two different colour temperature of 4,500°K or 5,000°K. Only 30 LEDs for 100 Klux. Optional battery with 4 hours autonomy.

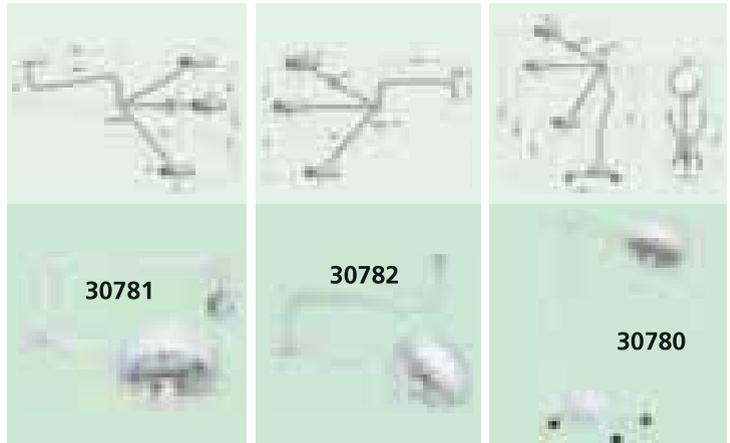
BATTERY WITH 4 HOURS AUTONOMY



TECHNICAL SPECIFICATIONS

Light intensity at 1 m distance (Ec)	Klx	60 to 100
Colour temperature of radiated energy - switchable	°K	4,500 to 5,000
Colour rendering index (CRI)	Ra	94 / 90
Light field diameter where the illuminance reaches 10% of Ec (d10)	mm	200
Light field diameter where the illuminance reaches 50% of Ec	mm	90
Total radiated energy Ee where the illumination reaches max level	W/m ²	112

GIMA code	PENTALED 30
30780	PentaLED-mobile
30779	PentaLED-mobile with Battery group and automatic charger
30781	PentaLED - wall
30782	PentaLED - ceiling
30783	PentaLED - ceiling - double
30785	Autoclavable handle - spare



SINGLE BULB THEATRE LIGHT 100,000 LUX

D400 SINGLE-BULB THEATRE LIGHT

Modern theatre light with innovative design. Its single bulb system focuses the light deeply inside tissues and not only around them. A sterilizable handle enables the user to adjust light field size. Uniform parabola shape for easy cleaning.

Theatre light with battery group.

Available with battery group and automatic charger, lead acid battery, maintenance free, 1 hour autonomy, 6 hours recharging time.

DLE - Lamp switch automatic system - available on request
Light can be equipped with 2 electronically controlled halogen lamps. In case the main lamp does not work, the second lamp automatically takes over and a LED flashes to warn.

TECHNICAL SPECIFICATIONS

Halogen bulb 100 W 24V G 6.35
Power consumption: 100 W
Bulb life: 2,000 h at 22.8 V
Light intensity: 100,000 lux from the distance of 1 m
Colour temperature: 4,200 K +/- 5%
Diameter illuminated field: from 100 to 180 mm
External diameter of the reflector: 400 mm
Colour: white RAL 9003
Regulations: IEC 60601-2-41 C € 93/42/EEC, EMC 89/336CEE
Weight: 38 Kg (mobile stand version)
Power supply: 230/24 V - 50/60 Hz. (110V on request)
Made in Italy

GIMA code	D400 SINGLE BULB THEATRE LIGHTS
30701	Scialytic light - mobile
30702	Scialytic light - mobile with Battery group and automatic charger
30711	Scialytic light - wall
30721	Scialytic light - ceiling
30731	Spare halogen bulb 100 W, 24 V
30732	Spare autoclavable handle - for single bulb scialytic
30728	DLE - Lamp switch automatic system

D 400: 100,000 LUX

Structure in aluminium (tubing Ø 45 mm) to facilitate installation

Rotation at 10° on the vertical stand

Elliptic reflector

Regulation system
The position of the light and the focus are adjustable by the central autoclavable handle.

CE 93/42 EEC

4 antistatic rubber castors (2 with brake)

THEATRE LIGHTS - 3 HALOGEN BULBS - 50,000 LUX

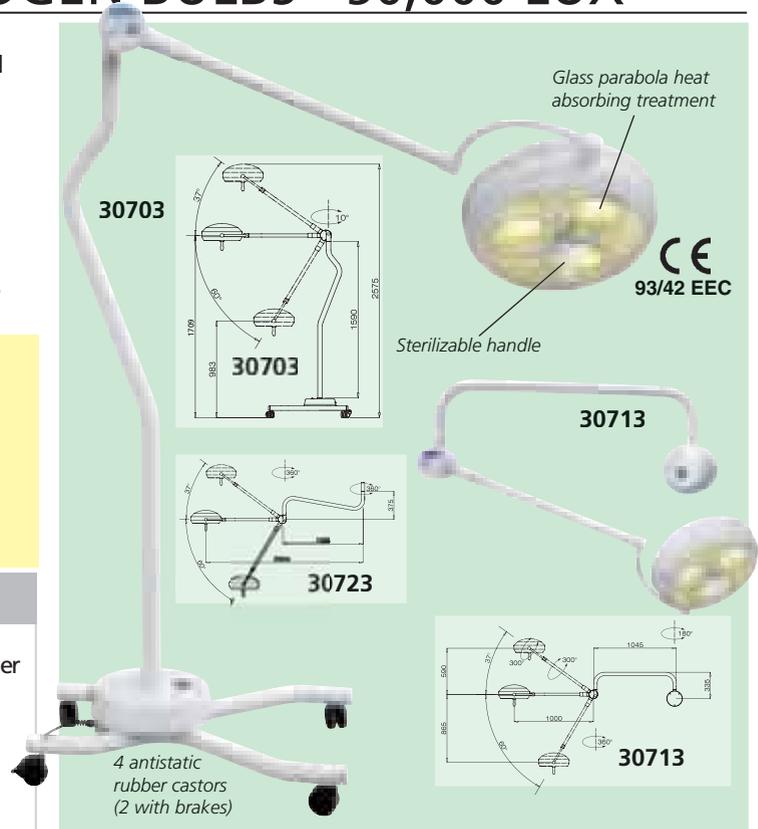
THEATRE LIGHT with three 25W-12V halogen bulbs

The multiple luminous fonts and the parabolic arch calculated for each parabola avoid shaded areas. Sensible mechanical movement allows easy positioning and adjustability. A practical sterilizable handle allows to focus the light beam. Does not require periodical maintenance. Bulb-replacement (life 3,000 hours) is extremely easy. **Battery group with automatic charger:** Light is available with battery group. Lead acid battery, maintenance free, 1 hour autonomy, 6 hours recharging time.

TECHNICAL SPECIFICATIONS

Light intensity: 50,000 lux from a distance of 1 m
 Diameter of the reflector: 400 mm
 Light field size adjustable from-to: 84-160 mm
 Bulbs: 3 x 25 W - 12 V halogen - life 3,000 h
 Colour temperature: 4,000° K +/- 5%
 Power supply: 230/12V - 50/60 Hz (110V on request)
 Norms: IEC 60601-1, IEC 60601-2-41 - MDD 93/42/EEC
 Made in Italy Warranty: 12 months
 Mechanical components warranty: 10 years

GIMA code	SCIALYTIC LIGHTS WITH 3 HALOGEN BULBS
30703	Scialytic light - mobile stand
30704	Scialytic light - mobile with Battery group and automatic charger
30713	Scialytic light - wall
30723	Scialytic light - ceiling
30733	Spare halogen bulb 24W, 12V - up to serial no. 8624
30735	Spare halogen bulb 25W, 12V - since serial no. 8625
30734	Spare autoclavable handle - for scialytic 3 bulbs



SATURNO MINOR SURGERY OPERATING LIGHTS - 40,000 LUX

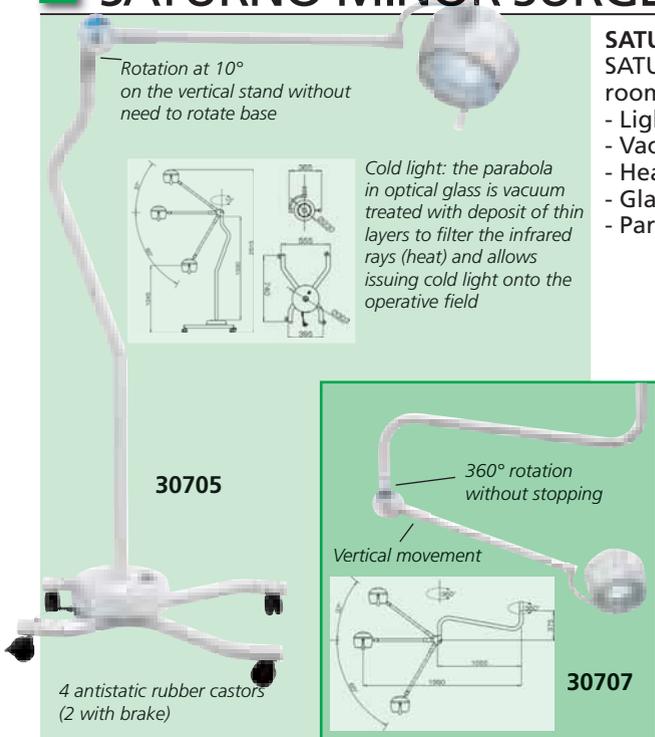
SATURNO MINOR SURGERY LAMP

SATURNO is a shadow-less type lamp suitable for small surgery and first-aid room. Available in three versions: mobile with castors, wall and ceiling.

- Light beams are generated from a 75W 12V halogen bulb.
- Vacuum treated glass parabola eliminates 98% of IR rays enabling cold light.
- Heat is dissipated through aluminium reflector.
- Glass protection filter grants colour temperature of 4,000K.
- Parabolic arc grants shadow less and deep light, no focus adjustment needed

TECHNICAL SPECIFICATION

Light intensity at 1 m distance	Lux	40,000
Colour temperature of radiated energy	K°	3,500 ± 5%
Halogen bulb 75W 12V G.6.35	No.	1
Consumption	W	1 x 75W
Average lamp life of halogen bulb approximately at 12V	h. ± 10%	1,500
CRI (Colour rendering Index)	Ra	94
Light field where the illumination reaches 10% of Ec (d10)	Ø mm	150
Depth of illumination (L1+L2) at 20%	mm	1,280
Focusable at a distance from - to	cm	78 - 150
Absorption infra-red rays	%	98
Total radiated energy Ec	W/m²	190
Light body diameter/Glass parabola diameter	mm	230/160
Useful lighting surface of the cupola	cm²	200
Sterilizable handle	No.	1
Weight (ceiling, mobile, wall)	Kg	26 - 31 - 22
Power requirements	V	230 (110 on request)
Minimum height of the room (ceiling version)	mm	2,700
Standards: IEC 60601-2-41, MDD 93/42 CEE, medical device of Class I,		



Load bearing "Light structure" in aluminium with tubing Ø 45 mm facilitates installation for any type of ceiling or wall

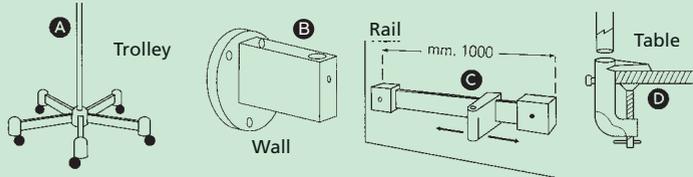


GIMA code	SATURNO LIGHTS
30705	Saturno light - mobile stand
30709	Saturno light - mobile stand with battery group with automatic charger - autonomy 1 hour
30706	Saturno light - wall
30707	Saturno light - ceiling
30708	Spare halogen bulb 75W - 12V - G 6.35
	Battery group available on request for all models
30734	Spare autoclavable handle for Saturno

■ ESALED SHADOWLESS, COLD LIGHT LAMP - 30,000 LUX

• **30710 ESALED - on trolley**
COLD LIGHT LAMP WITH LED TECHNOLOGY SHADOWLESS TYPE
 6 white LED of 2.5W each 24V - 30,000 lux at 50 cm distance
 Six leds light sources of 2.5W each with glass lens to optimize the light performance. Thanks to many independents light sources it is possible to assure shadowless light and low radiated energy temperature. ESALED is suitable for examination purposes, it is unsuitable for surgery room.

Other fixing system, available (wall, rail, table)



TECHNICAL SPECIFICATION

Power consumption: 15W
 LED life: 30,000 hours
 Light intensity: 30,000 lux at 50 cm, 10,000 lux at 1 m
 Colour temperature: 5200°K +/- 5% at 1 m
 Illuminated field at 50 cm: Ø 200 mm
 External diameter of the reflector: 135 cm
 Temperature increase in the operating area at 1 m : 1°C
 Adjustable height with castors: 600 mm - max 1600 mm
 Power supply: 230V - 50 Hz - 50 VA (110 on request)
 Weight: 10 Kg
 Made in Italy
 Norms: CEI 62-5, IEC 60601-1
 CE, 93/42 EEC



■ THEATRE-TYPE LIGHT - 40,000 LUX

• **30700 POLAR LIGHT - on trolley**
Scalytic-type lamp with cold and deep light
Halogen 50W 24V - 40.000 lux
 The light beam is generated by halogen bulb 50W 24V located inside a fused-glass parabola with thin-layer treatment to filter infrared beams. This treatment permits to obtain "cold light".
 Other fixing systems available (wall, rail, table) - see above

• **30730 SPARE BULB for POLAR LIGHT**

TECHNICAL SPECIFICATION

Power consumption: 50 W - 24 V
 Bulb life: 1,500 h
 Light intensity: 40,000 lux at 50 cm, 25,000 lux at 1 m
 Colour temperature: 4,000°K +/- 5% at 1 m
 Illuminated field at 50 cm: Ø 200 mm
 External diameter of the reflector: 230 mm
 Adjustable height with castors: min 600 mm - max 1,600 mm
 Power supply: 230V - 50 Hz - 50 VA
 Weight: 12 kg
 Made in Italy
 Regulations: CEI 62-5, IEC 60601-1 CE, 93/42/EEC, IMQ



CEI 62-5



■ GIMANORD

• **30750 GIMANORD desk model - with clamp**
 • **30751 GIMANORD on trolley**
 Magnifying glass self-illuminating fluorescent cold light 3 dioptries (1.75 x). Suggested for dermatology, it is equipped with a biconvex magnifying glass Ø 120 mm in optical glass. The cold fluorescent light allows prolonged use. Light source protection in plexiglass. Available also with wall support. Made in Italy.

• **30767 FLUORESCENT LAMP 22W - SPARE**
 • **30769 SPARE TROLLEY**

TECHNICAL SPECIFICATIONS

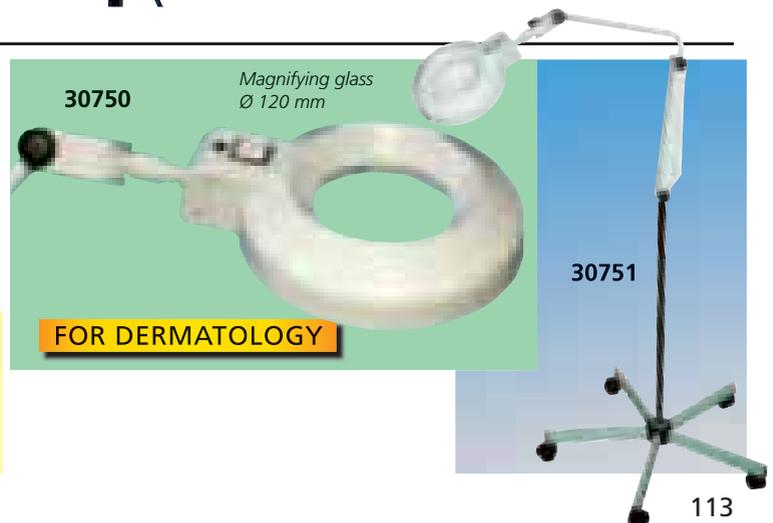
Type of lighting: fluorescent	External diameter of the reflector: 230 mm
Consumption: 22 Watt	Norms: IEC 598-1 Marks: CE (73/23 IEC)
Life of the bulbs: 6,000 hours	Weight: 6 kg
Light intensity at 50 cm: 550 lux	Operating voltage: 230 V - 50 Hz
Light intensity at 1 meter: 275 lux	(available 60 Hz with transformer)
Colour temperature +/- 5% at 1 m: 4,550 °K	Adjustable height (30751): 60-180 cm

30750

Magnifying glass
 Ø 120 mm

FOR DERMATOLOGY

30751



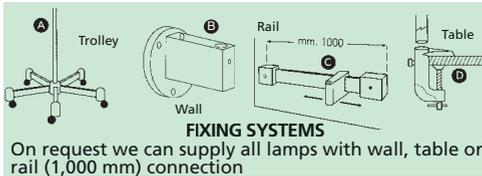
HALOGEN AND FLUORESCENT LIGHTS



- **30747 SOLESUD 2 on trolley**
Halogen examination light with articulated joint arm.
- **30748 SOLESUD 2 wall**
Suitable for gynaecology, examination and head-bed. Aluminium reflector is equipped with 2 halogen dichroic bulbs, 20W 12V IRC protected by a tempered glass, hermetically sealed against dirt and fluid spray and with ergonomic handle for movement.
Bulbs switch on simultaneously and, in case one breaks, light is always assured. Arm is made with articulated joint and mechanical frictions.
A light beam of 180 mm diameter at a distance of 50 cm allows precise and reliable examinations.
Base with 5 rotary spokes, 900 mm height. Generates a light intensity of: 40,000 lux at 50 cm. Made in Italy.
- **30769 SPARE TROLLEY**
- **30764 SPARE BULB SOLESUD 2 - 20 W**
For code 30747-8
- **30765 SPARE BULB SOLESUD - 50W**
For code 30745-6



- **30760 SIMPLEX on trolley**
Halogen examination light with flexible arm.
- **30761 SIMPLEX wall**
- **30762 SIMPLEX table with clamp**
An economic solution for your ambulatory! This lamp is equipped with a halogen dichroic bulb 35W 12V situated inside the aluminium reflector and protected by a tempered glass. Thanks to its flexible arm (700 mm long) it bends everywhere the task requires without interfering with operator's view. Supplied on a 5 castors trolley for easier mobility.
Generates a light intensity of: 30,000 lux at 50 cm. Made in Italy.
- **30766 SPARE BULB SIMPLEX - IRC 35 W**
- **30768 SPARE TROLLEY**



- **30740 SOLENORD on trolley**
Magnifying glass self-illuminating fluorescent cold light - 3 dioptries
- **30741 SOLENORD wall**
Suggested for dermatology, this model is equipped with a biconvex magnifying glass diameter 120 mm, in optical glass. The cold fluorescent light allows prolonged use.
Light source protection in plexiglass. Thanks to its spring arm and to the 5 castors trolley it is very easy to change its position whenever necessary.
Fluorescent circline 230 V. This light has been certified by IMQ the most important Italian notified body for certification. Made in Italy.
- **30767 SPARE FLUORESCENT LAMP - 22W**
- **30771 SPARE PLEXIGLASS SHIELD**
- **30769 SPARE TROLLEY**

ALL LIGHTS AVAILABLE ALSO AT 110 V

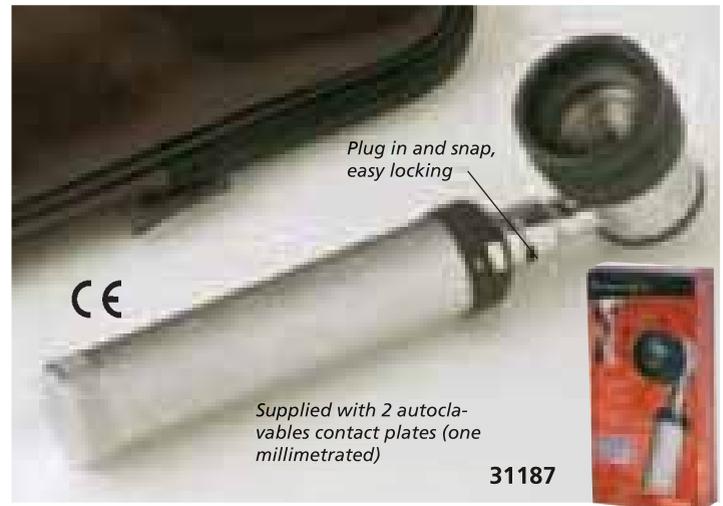
Model	SOLESUD 2	MINI MED	SIMPLEX	SOLENORD
Type of lighting	halogen	halogen	halogen	fluorescent
Consumption (Watt)	2x20	20	35	22
Life of the bulbs (hours)	5,000	5,000	5,000	6,000
Light intensity at 50 cm (lux)	40,000	15,000	30,000	550
Light intensity at 1 m (lux)	8,000	3,000	8,000	275
Colour temperature +/- 5% at 1 m (K)	3,000	3,000	3,000	4,550
Light field size at 50 cm (ø mm)	180	100	100	-
Dimmer	yes	no	no	no
External diameter of the reflector (ø mm)	140	70	105	230
Temperature increase at 1 m. (°C)	2	2	2	0
Colour	white	white	white	white
Norms	IEC 601-1	IEC 598-2-25	IEC 598-2-25	IEC 601-1
Marks	CE93/42	CE 73/23	CE 73/23/EEC	CE93/42 - IMQ
Weight (kg)	6	2	5	7
Operating voltage V-Hz	230 - 50/60	230	230 - 50/60	230 - 50
Adjustment height with castors base: min and max approx. cm.	60-160	60-160	60-160	60-160

- **30758 MINI MED on trolley**
Halogen examination light with flexible arm
Halogen dichroic bulb 20W 12V 15000 lux at 50 cm
Examination light equipped with a halogen dichroic bulb 20W 12V 12° and with glass protection shield. Reinforced flexible arm 70 cm length with ergonomic reflector easy to move.
- **30772 SPARE BULB MINIMED**



GIMA HALOGEN SKIN SURFACE MICROSCOPE 10x

- **31187 GIMA DERMATOSCOPE - 10X**
Advanced skin surface microscope opens up a new dimension in the diagnosis of pigmented skin lesion by offering you long-lasting halogen illumination for the true tissue colour and 10X magnification for greater detail, resulting in more accurate diagnoses. Supplied in a useful nylon bag, with spare autoclavable contact plate with 0-10 mm scale. Latex free.
- **31183 DERMATOLOGY OIL - box of 4 bottles of 12.5 ml**
- **32203 "C" BATTERIES - blister of 2 pcs.**
- **31479 SPARE BULB**



Supplied with 2 autoclavable contact plates (one millimetrated)

31187

TECHNICAL SPECIFICATIONS

2.5V halogen light
Battery operating (2x "C" site)
Advanced 10X optic system, Reticla contact plate
Easy to focus, with large focus ring
Fully portable with its pouch



31183

HEINE DELTA 20® DERMATOSCOPY SET 10x

- **31182 HEINE DELTA 20® DERMATOSCOPE SET - 2.5V**
 - **31179 SMALL CONTACT PLATE Ø 8 mm for DELTA 20**
- The DELTA 20 with 6-LED full-illumination or 3-LED lateral illumination combined with high-resolution precision optics using achromatic lenses is the result of dedicated research by HEINE.
- The illumination of the 6 LED's is not direct, but rather projected through precision cylindrical light guides, producing a much more homogeneous light.
 - Can choose to illuminate with just three LED's for lateral illumination, increase contrast significantly.
 - Ocular-opening with a Ø of 21 mm for a much larger view
 - Precision focusing mechanism with range of ± 6 dioptries
 - Contact plate always in contact with skin for better image
 - Field of view of 23 mm diameter: area of 380 mm² all in focus
- Supplied in hard case with 2.5V battery handle, contact plate Ø 23 mm with scale, 10 ml dermatoscopy oil and dermatoscopy compendium.
- **31184 HEINE DERMATOSCOPE MINI 3000 - 10x**



31179 31182

WOOD BLUE LIGHTS: TROLLEY, MANUAL AND POCKET MODELS



31195



31192

31199



31191

- **31195 WOOD DELUXE - manual**
 - **31199 WOOD DELUXE - on trolley**
- These new models have integrated rectangular biconvex magnifying glass 105x53 mm - 4 dioptries.
Size: 200x195xh47 mm - Weight: 0,3 kg
- **31198 NEON BULB 4W - spare**

- **31191 WOOD BLUE LIGHT - manual**
 - **31192 WOOD BLUE LIGHT - on trolley**
- Special blue fluorescent light for the detection of details and colours invisible under normal light system.
- **31193 1.5X MAGNIFYING LENS - optional**
 - **31194 NEON BULB 6W - spare (435x Ø 25 mm)**

TECHNICAL SPECIFICATIONS (31191-31192-31195-31199)
Length long wave 360 nm
Norms: CEI 62-5, IEC 601-1, CE 93/42/EEC
Operating voltage: 230 V-50 Hz (60 Hz on request) (not available at 110 V)



Weight 110 g w/o batteries Size: 17 x 6 x 2 cm

- **31189 POCKET WOOD LIGHT**
- Pocket ultraviolet light, to detect skin disorders. Also provided with a standard white light 3W. Works with 4xAA batteries with 4-6 hours autonomy.

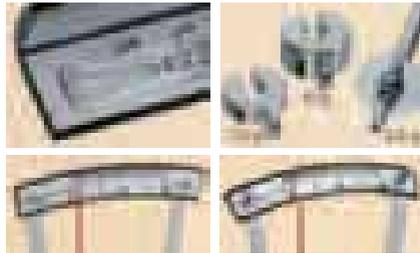
SCHIÖTZ TONOMETER



• 31220 SCHIÖTZ TONOMETER - straight scale

• 31222 SCHIÖTZ TONOMETER - inclined scale
A masterpiece of precision mechanism, measures intraocular pressure according to Prof. Schiötz standards. Vital parts are made of stainless steel. Agate stone inserted. Set 3 weights included (5.5 - 7.5 - 10 g). Scale specification 5. In black deluxe case with velvet-look inserts. Perfect reading of the scale with red pointer. Made in Germany.

Riester CE 0124



31220 straight

31222 inclined

HEINE OMEGA 500®



• 31753 HEINE OMEGA 500 - Binocular Indirect Ophthalmoscope with mPack power source, rheostat, transformer and 90°, angled adapter

- Super light weight

Weights only 450g!

- Clearer, Crisper views

A new illumination system, including Xenon Halogen Technology bulb produces less reflexes off the cornea and clear, high resolution images of the fundus that are up to 100% brighter.



HEINE OPTOTECHNIK

- Enhanced variable pupil function

Allows for the precise, synchronized selection of observation and illumination optics for any pupil size. This patented system has been optimized and will now provide stereopsis in pupils ranging from 10 mm down to 1 mm.

- Fully featured

3 Spot sizes: Large, Medium, and Small. Integrated diffused light filter. 3 Integrated Filters: Red-free, Cobalt Blue, and Yellow.

- Omega headband comfort

Articulating Rear Hinge provides vertical adjustment of the rear band of the headband for individual placement.

BIOLOGICAL MICROSCOPES - MAGNIFICATION 40X-1600X

• 31001 BIOLOGICAL MICROSCOPE - 40X to 1600X

High level microscope with high resolution and transmission

Main features:

- Compensation free binocular head
- Eyepiece WF 10X, P16X
- Semi-plan achromatic objectives 4X, 10X, 40X(s), 100X(s), oil)
- Quadruple nosepiece
- Mechanical stage double layers 140 x 140 mm / movement range 75 x 50 mm
- Halogen lamps illumination 220V-50Hz/6V 20W (switchable at 110V)

• 31005 SPARE BULB (for 31001)



Precise focusing system.



Easier comparing test with dual slides finger of mechanical stage.



Big Operating Space with Backwards Nosepiece. Sharp Image with high quality objectives.

Fine focusing knob

CE



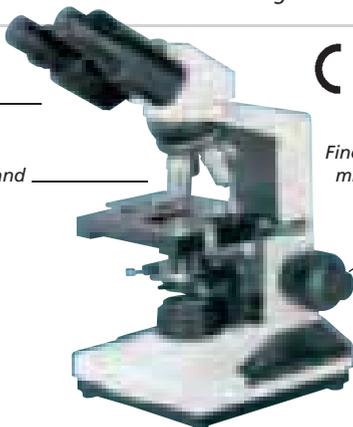
31001

Binocular system

Quadruple nosepiece and objectives

CE

Fine focusing knob minimum division 0.002 mm



31000

• 31000 BIOLOGICAL MICROSCOPE - 40 to 1000X

- 30° compensation free binocular head
- Eyepiece 10X (Field 18 mm)
- Achromatic objectives 4X, 10X, 40X(S), 100X(S, oil)
- Total magnification 40x, 100x, 400x, 1000x, depending on objective
- Interpupillary distance adjustment: from 55 to 75 mm
- Mechanical stage, double layers 125 x 135mm
- Movement range: 75 x 35mm
- Abbe condenser with iris diaphragm and filter
- Halogen lamp 6V, 20W - brightness adjustment
- Power supply: 220 V - 50 Hz (switchable at 110V)

• 31005 SPARE BULB (for 31000)



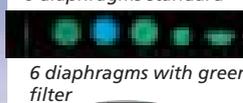
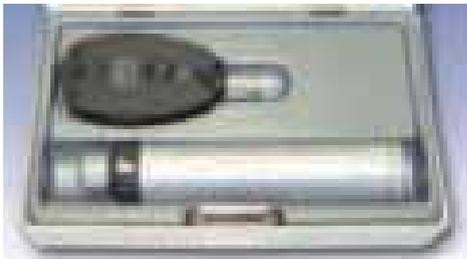
HEINE OTO-OPHTHALMOSCOPES



- **31720 HEINE K 100 HALOGEN OTOSCOPE - 2.5V**
Otoscope with BETA battery 2.5V handle with rheostat and 3 reusable specula in nylon pouch.
- **31771 HEINE 037 OTOSCOPE BULB 2.5V - spare**



- **31740 HEINE K180 - F.O. OTO-OPHTHALMO SET - 2.5V**
Otoscope and ophthalmoscope K180 with BETA battery 2.5V handle and a set of single use specula. Supplied in hard case.
- **31782 HEINE 084 OPHTHALMO BULB 2.5V - spare**
- **31772 HEINE 077 OTOSCOPE BULB - spare**
- **31741 HEINE K180 OPHTHALMOSCOPE - 2.5 V**



- **31730 HEINE BETA 200 HALOGEN OPHTHALMOSCOPE - 2.5V**
The ophthalmoscope's unique aspherical optic system eliminates corneal and iris reflexes. The illuminated area of the retina remains fully visible even in case of small pupil (bright light). BETA 200 has 6 diaphragms with separately interlocking "green interferential filter". It is recommended for small or expanded pupils; suitable for slit or fluorescent ophthalmoscopy as well as for fixation test. Range -35D to +20D. Supplied in hard case with replacement bulb.



31730

- **31781 HEINE 069 OPHTHALMO BULB - 2.5 V - spare**
- **31735 HEINE BETA 200S OPHTHALMOSCOPE - 2.5V**



Supplied in hard case with spare bulb



- **31725 HEINE BETA 200 F.O. OTOSCOPE - 2.5V**
F.O. Otoscope with BETA battery 2.5V handle with rheostat, a set of single use specula, a set of reusable specula and a spare bulb. Supplied in hard case.
- **31772 HEINE 077 OTOSCOPE BULB - spare**
- **31745 HEINE BETA 200 RETINOSCOPE - slit - 2.5V**
- **31746 HEINE BETA 200 RETINOSCOPE - spot - 2.5V**

HEINE MINI 3000 OTO-OPHTHALMOSCOPES

- **31680 HEINE MINI 3000 OTOSCOPE - black**
- **31681 HEINE MINI 3000 OTOSCOPE - blue**
- **31684 HEINE MINI 3000 F.O. OTOSCOPE - black**
- **31685 HEINE MINI 3000 F.O. OTOSCOPE - blue**

High quality compact otoscopes with following features:

- Enhanced XHL Xenon Halogen Technology with 100% more light compared with conventional bulbs. Very bright, concentrated white light.
- Swivelling viewing window built in, with 3x magnification and optimised casing surface for razor-sharp images and minimal reflection.
- Attachment clip with integrated on/off switch. Switches off automatically when returned to the pocket.
- High-quality handle: chrome-finish upper section/refined plastic. Shockproof, sturdy, non-slip. Replaceable batteries (Size AA).

Codes 31684 and 31685 are provided with connector for pneumatic test. All otoscopes are supplied with 5 speculum \varnothing 4 mm and 5 \varnothing 2.5 mm

- **31686 HEINE MINI 3000 OPHTHALMOSCOPE - black**
- **31687 HEINE MINI 3000 OPHTHALMOSCOPE - blue**

Similar specifications as Mini 3000 otoscopes. Top quality ophthalmoscope with fixation star aperture in pocket format. Lenses: - 20D + 20D

- **31689 HEINE MINI 3000 OTO-OPHTHALMO SET - black**
- One F.O. otoscope head, one ophthalmoscope head, 2 handles, 4 reusable specula, 5 disposable specula \varnothing 4 mm and 5 \varnothing 2.5 mm in soft pouch.

- **31690 HEINE MINI 3000 DIAGNOSTIC SET - black**
- One otoscope head, one ophthalmoscope head, 1 handle, one combilamp illumination light with tongue depressor holder, 2 laryngeal mirrors and 4 reusable specula \varnothing 2, 3, 4, 5, mm in rigid case.



31684

31681

31686

- 5 different apertures
- Large spot for normal fundus examinations.
 - Small spot for reduced reflection with small pupils.
 - Fixation star for determination of central or eccentric fixation. Especially suited for examining children.
 - Hemispace for reduced reflection with small pupils.
 - Red-free filter for contrast-enhancement when assessing fine vascular disorders



31690



31689

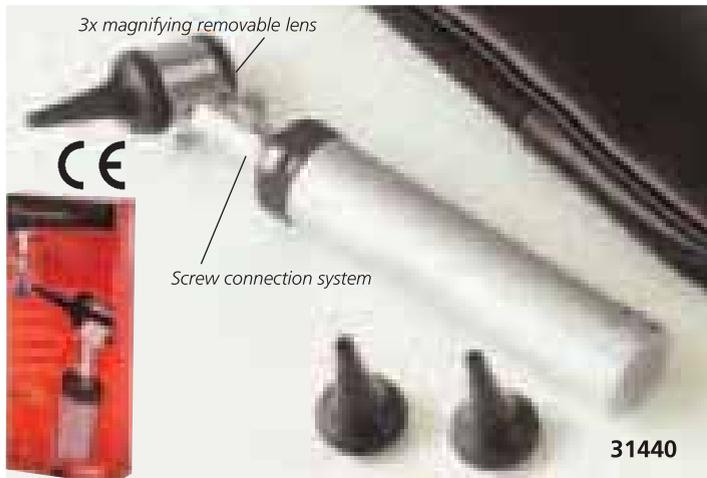
See spare bulbs at page 121

GIMA OTOSCOPES: PARKER LINE

VETERINARY OTOSCOPES AND SETS SEE PAGE 205



31442



31440



31437

31436

31435

BAYONET CONNECTION SYSTEM

PARKER OTOSCOPES

- Reliable and indestructible high quality instrument
- Invaluable for everyday ear nose and throat use
- Easily adjustable 2.5v vacuum light (made in Germany)
- Quality 3 times magnifying lens
- Available with Plug in and snap (bayonet locking) or knurled screw type otoscope heads
- Ideal for pneumatic tympanic membrane tests, can also be used for rhinoscopic examinations
- Supplied with 3 autoclavable ear funnels in a colour coordinated zip bag. All latex free.
- Require 2 x C batteries (not included) or rechargeable battery



GIMA code	PARKER OTOSCOPES	Connection system	Ear Funnels
31435	Parker colour - green	Bayonet	Ø 2.5, 3.5, 4.5 mm
31436	Parker colour - blue	Bayonet	Ø 2.5, 3.5, 4.5 mm
31437	Parker colour - yellow	Bayonet	Ø 2.5, 3.5, 4.5 mm
31440	Parker - black	Screw	Ø 2.5, 3.5, 4.5 mm
31441	Parker with rechargeable handle	Bayonet	Ø 2.5, 3.5, 4.5 mm
31442	Parker veterinary - black	Screw	Ø 4, 5, 7 mm
31449	Spare bulb 2.7V for Parker otoscopes 31435-6-7,31440-1-2		
34496	Charging station		
34497	Rechargeable battery 2.5V/3000 mAh		

PARKER DIAGNOSTIC SETS

- **31471 PARKER DIAGNOSTIC SET**
Lightweight, semi rigid nylon case containing one Parker otoscope, 3 autoclavable ear speculum (Ø 2.5, 3.5 and 4.5 mm), 2 laryngeal mirrors (size 3 and 4), bent arm throat lamp, tongue spatula, adjustable nasal speculum.
- **31473 PARKER LARGE SET WITH OPHTHALMO**
Same as code 31471 with an ophthalmoscope head, support for single use tongue depressors and 2 tubes of single use specula.
- **31446 SPARE BULB FOR OPHTHALMOSCOPE**
- **31449 SPARE BULB FOR OTOSCOPE**
- **32203 "C" ALKALINE BATTERIES - blister of 2 pcs**



31471



31473



Nasal speculum

Tongue spatula

Otoscope

Ophthalmoscope head
Tongue spatulae
Nasal specula
Reusable Ear tips
Bent arm throat lamp/
Laryngeal mirror holder
Laryngeal mirrors
Otoscope
2 tubes of single use specula
Wooden tongue depressor holder

OTOSCOPE - PEN LIGHT

- **31300 COMBI SET**
Dual function instrument features convertable diagnostic pen light and mini-otoscope with 3 different sizes of funnels or specula. Packed in a gift box. Pupil gauge and dual slide rule printed on the penlight. Supplied with batteries (2xAAA).
- **32200 "AAA" ALKALINE BATTERIES - blister of 4 pcs**



31300

■ HALOGEN OTOSCOPE, OPHTHALMOSCOPE AND



31475

• **31475 HALOGEN PARKER OTOSCOPE**
Same as PARKER Otoscope code 31440 but with halogen 2.7V bulb, and bayonet connection system. Supplied with 3 autoclavable ear funnels in a soft bag. Requires 2xC batteries (not included).

• **31474 HALOGEN OPERATIVE PARKER OTOSCOPE**

Same as 31475 but with operative head.

• **31476 HALOGEN PARKER OPHTHALMOSCOPE**

2.7 V halogen Light for true tissue colour and consistent, long lasting illumination 24 colour coded Lenses - 25 to + 40 Dioptres for excellent resolution (green for +, red for -). Rubber eye brow rest to prevent scratching of eye-glasses. Illumination lens dial for clear identification of dioptre setting.

• **31477 HALOGEN OTO-OPHTHALMOSCOPE PARKER SET**

Diagnostic set including one handle, one halogen otoscope head and one halogen ophthalmoscope head, all in a plastic case.

• **31478 HALOGEN BULB FOR OTOSCOPE**

• **31479 HALOGEN BULB FOR OPHTHALMOSCOPE**

• **32203 "C" ALKALINE BATTERIES - blister of 2 pcs**

All products are latex free.



31474



31477



31476

Supplied in a semi-rigid nylon bag.



+	1, 2, 3, 4, 5, 6, 8, 10, 12, 15, 20, 40
-	1, 2, 3, 4, 5, 6, 8, 10, 15, 20, 25

■ XENON-HALOGEN DIAGNOSTIC SETS IN RIGID CASES

• **31480 XENON-HALOGEN DIAGNOSTIC SET - 3.5 V**

• **31482 XENON-HALOGEN OPERATIVE DIAGNOSTIC SET - 3.5 V**

Both xenon-halogen sets are supplied in plastic rigid case containing: one rechargeable handle, one otoscope head (operative for code 31482) one ophthalmoscope head, 3 autoclavable speculum Ø 2.5, 3.5, 4.5 mm, two laryngeal mirrors (size 3 and 4), adjustable nasal speculum, bent throat lamp, tongue spatula.



Operative otoscope head

• **34496 CHARGING STATION**

• **34490 RE-CHARGEABLE BATTERY 3.5V / 1300 mAh**

• **31427 XENON-HALOGEN OTOSCOPE BULB 3.5V**

• **31428 XENON-HALOGEN OPHTHALMO BULB 3.5V**



31480

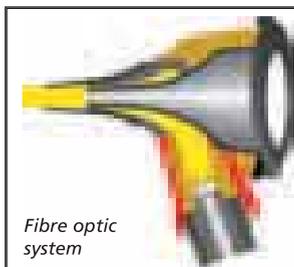
■ FIBRE OPTIC HALOGEN OTOSCOPES

- **31520 GIMALUX OTOSCOPE - black**
- **31521 GIMALUX OTOSCOPE - blue**
- **31522 GIMALUX OTOSCOPE - green**



High professional plastic otoscopes with extra bright halogen light provided by fibre optic system. Quality 3 times magnifying movable lens. Output for pneumatic membrane test. Supplied with 7 single use mini speculum (Ø 2.5 and 4 mm) in a color coordinated nylon bag. For mini ear-speculum refer to page 121. All latex free.

• **31478 HALOGEN BULB**



Fibre optic system



31521

31522

31520



RI-FORMER® THE MODULAR DIAGNOSTIC STATION 3.5V



For up to 5 handles

RI-FORMER MODULAR DIAGNOSTIC STATION

The modular diagnostic station can be individually combined according to requirements and the room situation, it is variably extendable to the right and the left.

The basic ri-former® module is available with one handle and can be supplemented with up to 4 further handle modules.

- 3.5 V xenon or LED illumination creates lighting conditions similar to daylight.
- Optimum electronic efficiency using an adjustable switch.
- Constant output voltage independent from the mains supply prolongs the service life of the lamps and guarantees optimum light intensity.
- Automatic switching on/off of handles when removing or replacing them in the handle unit saves energy and increases the service life of the lamps. The adjusted light intensity setting remains until the next examination.
- Non-slip, ergonomically designed handles with rheostat: infinitely variable regulation of brightness as well as manual switching on/off possible on the handle.
- Spiral cord expandable up to 3 m.
- Developed and manufactured in Germany.



Set 31800



Made in Germany
Set 31805

GIMA code	MODULAR DIAGNOSTIC STATION
31800	Ri-Former Diagnostic station 3.5-230V-standard <i>(include 2 handle oto and ophthalmoscope head, ear specula dispenser, clock)</i>
31805	Ri-Former Diagnostic station 3.5-230V-large <i>(include 31800 + sphygmomanometer)</i>
RI-FORMER MODULES AND HEADS	
31809	Basic diagnostic station 1 handle
31810	Extension module 1 handle
31811	Ri-scope F.O. otoscope head - Led 3.5 V
31812	Ri-scope F.O. otoscope head - Xenon 3.5 V
31813	Ri-scope F.O. ophthalmoscope head - Xenon 3.5 V
31814	Ri-scope F.O. retinoscope head - Xenon 3.5 V
31815	Ri-scope F.O. dermatoscope head - Led 3.5 V
31817	Ri-scope reusable ear speculum Ø 2.5 mm
31819	Ri-scope reusable ear speculum Ø 4 mm
31820	Ri-spec ear specula dispenser - specula not included
31822	Sphygmomanometer with basket
31825	Xenon otoscope bulb 3.5 V - spare
31826	Xenon ophthalmoscope bulb 3.5 V - spare



RI-SCOPE® L: LED + Li-Ion BATTERIES

31830

31832



31836

LED illumination: bright, white light with a nearly unlimited lifetime!
With its monochromatic white light (4200° Kelvin) the lamp in the ri-scope® L provides cold light and true-color.

Lamps with LED technology have a lifetime of at least 10,000 hours (compared to 20-30 hours with halogen and Xenon lamps) and are extremely energy-efficient.

Li-ion batteries- greatest power in the smallest space!

Considerably higher charging capacity, longer lifetime, light-weight, these are the big advantages of Li-ions batteries; wich provide sustained high performance for up to 1200 charging cycles. LEDs powered by lithium batteries can burn for up to 50 hours.

• 31841 "C" SIZE Li-Ion BATTERY

• 31840 RI-CHARGER L 230 V

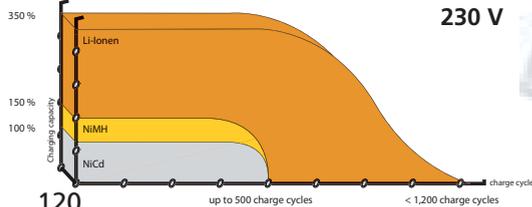


Table recharge station (with wall holder) recharge 2 "C" handles with Li-Ion batteries.



• 31830 RI-SCOPE L2 F.O. LED OTOSCOPE - 3,5 V

The newest generation ri-scope®L otoscopes with optical glass and reduced reflection combines excellent optical properties and unparalleled performance with the reliability and efficiency of LED/lithium-ion technology.

- Fiberoptics for optimal beaming and transmission of the light.
- Bi-directional swivelling, sealing optical glass 3X
- Suitable for pneumatic test (supplied without ball).
- C handle: runs on commercial alkaline or Li-Ion batteries, not included.

Supplied in deluxe hard case with one spare lamp, 4 reusable ear specula and 3 disposable ear specula.

• 31832 RI-SCOPE L2 XENON OPHTALMOSCOPE - 3,5 V

The enhanced basic model with separately engageable red-free, blue and polarization filters for each aperture.

- Diopter wheel with 29 corrective lenses Plus 1-10, 12, 15, 20, 40 Minus 1-10, 15, 20, 25, 30, 35
- Easy-to-operate aperture hand-wheel with semi-circle, small/medium/large circle, fixation star, and slit
- Includes filter wheel engageable for all apertures with symbol display, red-free filter, blue filter and polarization filter

• 31834 OTO-OPHTALMO RI-SCOPE - 3,5 V

• 31836 XENON RETINOSCOPE RI-SCOPE L2 - 3,5 V

OTOSCOPES ACCESSORIES AND EAR SPECULAS

GIMA code	AUTOCLAVABLE SPECULUM FOR PARKER OTOSCOPES - LATEX FREE	To be used with GIMA code	Also compatible with	Minimum order
31447	Kit 3 autoclavable veterinary speculum Ø 4, 5, 7 mm	31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480	Heine, Kawe, Riester	-
31448	Kit 3 autoclavable speculum Ø 2.5, 3.5, 4.5 mm	31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480	Heine, Kawe, Riester	-
31451	Kit of 5 autoclavable speculum Ø 2.5, 3.5, 4.5, 5.5, 9 mm	31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480	Heine, Kawe, Riester	-
31453	Kit of 3 metal cannulas (Ø 4, 5, 6 mm) + 2 slotted metal specula (Ø 7.5 ad 9.4 mm)	31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480	Heine, Kawe, Riester	-
DISPOSABLE MINI EAR SPECULUM				
31485	Disposable Mini ear-speculum Ø 2.5 mm - grey	direct fit: 31520-22, fit with connector 31493: 31435-37, 31440-42, 31471, 31473, 31475, 31477, 31480	Heine, Kawe, Riester	box of 250
31486	Disposable Mini ear-speculum Ø 4 mm - grey		Heine, Kawe, Riester	box of 250
31491	Disposable Mini ear-speculum Ø 2.5 mm - black		Heine, Kawe, Riester	bag of 100
31492	Disposable Mini ear-speculum Ø 4 mm - black		Heine, Kawe, Riester	bag of 100
31495	Disposable Mini ear-speculum mixed colours and Ø		Heine, Kawe, Riester	box of 1,000
31496	Disposable Mini ear-speculum Ø 2.5 mm - blue		Heine, Kawe, Riester	bag of 100
31497	Disposable Mini ear-speculum Ø 4 mm - blue		Heine, Kawe, Riester	bag of 100
31498	Disposable Mini ear-speculum Ø 2.5 mm - green		Heine, Kawe, Riester	bag of 100
31499	Disposable Mini ear-speculum Ø 4 mm - green		Heine, Kawe, Riester	-
31493	Connector to GIMA Parker otoscope for Mini ear-speculum		31435, 31436, 31437, 31440, 31441, 31442, 31471, 31473, 31475, 31477	-
31494	ALLIGATOR connector (supplied with 100 ear speculum)	31435, 31436, 31437, 31440, 31441, 31442, 31471, 31473, 31475, 31477	-	-
31500	Pneumatic bulb for Otosopes (specify colour)	31435/36/37/40/42/71/73/75/77-31520/21/22	Heine, Kawe, Riester	-
31313	Disposable ear-speculum Ø 2.5 mm	All Gowllands range (with connector 31316)	Riester (some models)	box of 200
31315	Disposable ear-speculum Ø 4 mm	All Gowllands range (with connector 31316)	Riester (some models)	box of 200
31316	Connector for 31312-31314	All Gowllands range	-	-
31501	Heine dispenser for mini speculum - empty	31491, 31492, 31495, 31496, 31497, 31498, 31499	Heine, Kawe, Riester	-
31502	HEINE disposable mini-ear speculum Ø 2.5 mm - grey	Mini 2000/3000, K180, Beta200	Heine	box of 250
31503	HEINE disposable mini-ear speculum Ø 4 mm - grey	Mini 2000/3000, K180, Beta200	Heine	box of 250
32203	"C" Alkaline batteries	31435, 31436, 31437, 31440, 31442, 31471, 31473, 31475, 31477	Heine, Kawe, Riester	blister of 2
32201	"AA" Alkaline batteries	31520, 31521, 31522	Heine, Kawe, Riester	blister of 2



HEINE ORIGINAL BULBS

HEINE BULBS HALOGEN 2.5 V	HEINE ref.	GIMA code	Compatible with following HEINE products
	035	31769	F.O. Laryngoscopes - Sanalon handle
	037	31771	K100 and Beta® 100 otoscopes Laryngeal mirrors F.O. mini 2000 otoscope Alpha® otoscope Mini/Alpha tongue holders
	038	31773	Miroflex ophthalmoscope HFR2 spot retinoscope Delta®10 dermatoscope
	041	31774	Fibrilux mini otoscope Mini 2000 combilamp Mini 2000 cliplamp Mini 1000 cliplamp
	042	31780	Alpha® ophthalmoscope Mini 2000 ophthalmoscope Alpha® Focalux Mini Miroflex ophthalmoscope Mini 2000 Focalux
	056	31770	Minilux otoscope Mini 2000 otoscope
	057	31785	Mini 2000, Mini 3000 laryngeal mirrors
	069	31781	Beta® 200 ophthalmoscope
	077	31772	Beta® 200 e 200 VET, K 180 oto Lambda 100 retinometer Delta®10 plus dermatoscope
	084	31782	K180® ophthalmoscope
	105	31776	Mini 3000 F.O. otoscope
	106	31777	Mini 3000 ophthalmoscope
	107	31778	Mini 3000 combilamp
	109	31779	Mini 3000 dermatoscope
	110	31775	Mini 3000 otoscope

COMPATIBLE GERMAN BULBS

GIMA BULBS MADE IN GERMANY	GIMA code	Compatible with the following products
LARYNGOSCOPE BULBS		
	34324	Gima, Riester, And, Kawe, Timesco Truphatek and most of conventional laryngoscopes in the market (generally used for blades N° 00, 0, 1)
	34325	Gima, Riester, And, Kawe, Truphatek, Timesco and most of conventional laryngoscopes in the market (generally used for blades N° 2, 3, 4)
	34485	Gima, And, Kawe and most of F.O. laryngoscopes in the market. Compatible for products that use Heine Bulb # 035
OTOSCOPE-OPHTHALMOSCOPE-DERMATOSCOPE BULBS		
	31449	Parker otoscopes and some otoscopes of Riester, Timesco and Kawe
	31446	Parker ophthalmoscope Parker diagnostic sets
	31478	Gimalux otoscopes, Kawe and Riester mini otoscopes Compatible for products that use Heine bulb #037
	31479	Parker halogen ophthalmoscope
	31188	Gima dermatoscope Compatible for products that use Heine Bulb #038
	31427	Gima Xenon - halogen diagnostic sets - otoscope
	31428	Gima Xenon - halogen diagnostic sets - ophthalmoscope

TORCHES - DIAGNOSTIC PEN LIGHTS



PERSONALISED TORCHES FOR QUANTITIES

GIMA offers a complete range of quality torches/pen lights of different materials, colours and price.

GIMA code	Description	Material	Supplied with batteries	Colour	Supplied in single box	Origin	on/off by	Minimum order
25626	Alfa torch	plastic	yes - 2xAAA	blue	yes	Asia	Pocket clip	10
25630	Stilo 2000 torch	aluminium	no	white	yes	Asia	Push button	50
25631	Usa torch	plastic	yes - 2xAAA	white	no	USA	Pocket clip	10
25639	Beta torch	stainless steel	yes - 2xAAA	silver	no	Asia	Push button	-
25632	Argenta torch	metal	yes - 2xAAA	black	no	Europe	Pocket clip	-
25633	Argenta torch	metal	yes - 2xAAA	silver	no	Europe	Pocket clip	-
25638	Argenta torch	metal	yes - 2xAAA	green	no	Europe	Pocket clip	-
25634	Elegance torch	metal	yes - 2xAAA	blue	no	Europe	Push button	-
25635	Spirit torch	chrome plated brass	yes - 2xAAA	silver	yes	Asia	Pocket clip	-
25636	LED Radiant torch	metal	yes - 2xAAA	gold	no	Asia	Push button	-
25637	Radiant torch	metal	yes - 2xAAA	red	no	Asia	Push button	-

EAR CURETTES



FLEXLOOP:
For normal curettage
Most flexible of all
Least traumatic
Rounded tips for comfort
4 mm wide tip



MICROLOOP:
For impacted cerumen
More rigid construction
Tip can be angled for added strength
Rounded tip for comfort
3 mm wide tip



INFANT SCOOP:
For the smallest ears
For when a small scoop work best
Can be used through an otoscope • Flexible
2 mm wide tip



CERASPOON:
For viscous cerumen
For extensive cerumen buildup
For when a large scoop work best
4 mm wide tip

The complete cerumen management system

- 31462 FLEXLOOP - white - box of 50
- 31464 INFANTSLOOP - light blue - box of 50
- 31460 MICROLOOP - green - box of 50
- 31467 CERASPOON - yellow - box of 50

Our four styles of curettes give you the most effective, safest, and economical way to remove cerumen - whatever the size of ear or consistency of cerumen you're dealing with.

Patient comfort: Metal curettes are cold, hard and sharp. GIMA ear curettes with rounded plastic tips reduce trauma and lessen the risk of laceration. Latex free.

Effectiveness: Ear curettes can duplicate the effectiveness of metal curettes in almost any situation and their polypropylene composition makes them virtually unbreakable.

Disposability: Ear curettes don't require expensive and time-consuming sterilization and eliminate the risk of cross-contamination.
minimum order: 50 pcs.



NASAL SPECULUM



The use of stainless steel speculum can be a chilling experience for the patient. Now you can combine patient comfort with effective treatment. Smooth, warm tips make Disposable Nasal Speculum more comfortable and less alarming to the patient.



- 31469 DISPOSABLE NASAL SPECULUM - box of 48
Innovative plastic, disposable nasal speculum with handle: allows superior view of nasal cavity. Helps extract foreign objects from nasal cavity. Facilitates packaging of cauterizing of bleeding noses. Latex free.

ILLUMINATED CURETTES

- 31455 SET OF ILLUMINATED CURETTES
1 curette per type (see photo below)+ LED illuminator+ lens



Flexloop



Infantscoop



Microloop



Angleloop



Waveloop

- 31461 KIT MICROLOOP
50 transparent Microloop curettes+LED illuminators+Lens

- 31465 KIT INFANT SCOOP
50 transparent Infant scoop curettes+LED illuminators+Lens



NEUROLOGICAL REFLEX PERCUSSORS - LATEX FREE



GIMA code	PERCUSSORS	Colour	Handle	Pin	Brush	Weight	Length
31270	Buck Gima 2000	green	plastic/stainless steel	yes	yes	85 g	18.5 cm
31251	Buck Classic	silver	chromed brass	yes	yes	90 g	18 cm
31252	Buck colour-yellow	yellow	brass color coated	yes	yes	90g	18 cm
31271	Dejerine Gima 2000	blue	plastic/stainless steel	yes	yes	110 g	21 cm
31254	Dejerine Classic	silver	stainless steel	yes	yes	140 g	21 cm
31255	Dejerine colour	red	brass color coated	yes	yes	125 g	21 cm
31256	Babinsky - Ø 4.5 cm	silver	chrome plated	yes	no	170 g	24 cm
31257	Queens - Ø 5 cm	silver	flexible plastic	no	no	100 g	35 cm
31258	Troemner	silver	stainless steel	no	no	200 g	22 cm
31260	Pinwheel	silver	chrome plated	no	no	50 g	17 cm
31272	Babinsky-Gima 2000	green	plastic	no	yes	80 g	24 cm
31273	Taylor Gima	red	plastic/stainless steel	no	yes	70 g	20 cm

GERMAN-MADE DIAPASONS - TUNING FORKS



ENT TUNING FORKS: 31240
All made in Germany, with age-long craftsmanship experience, in special alloy that ensures maximum sound precision.

ENT/NEUROLOGY TUNING FORKS
All made in a special alloy and supplied with base.

GIMA code	ENT TUNING FORKS
31230	Tuning fork 128 Hz* - with weight
31231	Tuning fork 256 Hz* - with weight
31232	Tuning fork 512 Hz
31233	Tuning fork 1024 Hz
31234	Tuning fork 2048 Hz
31235	Tuning fork 4096 Hz
31240	Set of 5 tuning forks in a stylish lined case (contains 128 Hz*, 256 Hz*, 512 Hz, 1024 Hz, 2048 Hz). <i>Tuning forks with asterisk * are supplied with weight</i>

GIMA code	ENT/NEUROLOGY TUNING FORKS
31245	Tuning fork a1-440 Hz - ENT - 90 g
31246	Tuning fork - LUCAE - 80 g adjustable from c128 to h240 with foot - 120 g
31247	Tuning fork C64, c128 - RYDEL SEIFFER detachable slider either C64 or c128 - 120 g
31249	Hammer neurotone 5 in a lined case

Neurotone hammer: set of 5 components for a complete neurological examination: percussion hammer + tuning fork with weight + pin + brush. All fitted in a stylish case.

MONOFILAMENT - SENSORY EVALUATOR

Diagnostic tool for detecting diabetic neuropathy.



• **31280 MONOFILAMENT - sensory evaluator**
Plastic retractable monofilament. Evaluates both diminishing and returning sensation (touch test). Examines levels of sensory function and changes in neuro status. Monofilament is calibrated at 10 g. Size: 13 x 1.2 cm (+ 4 cm monofilament)

Supplied in pouch with multilingual user manual and 2 spare monofilaments

ACOUSTIC EXCELLENCE DOUBLE HEAD STETHOSCOPES

TOP QUALITY
STAINLESS STEEL



32537



Adult

Paediatric

32534

32512

CLASSIC STETHOSCOPES: Adult and Paediatric
High quality stethoscope with stainless steel chestpiece, stainless steel double inner spring binaural and durable, elegantly moulded PVC tubing for unsurpassed acoustic performance. The colour coordinated flexible "Y" tubing, non-chill ring and diaphragm retaining ring provide excellent patient comfort, while adding attractiveness. It comes in a foam lined box with 2 extra sets of soft eartips.
Chestpiece: Ø 45 mm (adult), Ø 35 mm (paediatric).



32542

GIMA code	CLASSIC DOUBLE HEAD STETHOSCOPES - LATEX FREE	
32531	Classic adult - dark green	
32532	Classic adult - orange	
32533	Classic adult - transparent light blue	
32534	Classic adult - black colour	
32535	Classic adult - burgundy colour	
32536	Classic adult - blue colour	
32537	Classic adult - green colour	
32538	Classic adult - red colour	
32539	Classic adult - pink colour	
32542	Classic Teaching - black colour <i>allows simultaneously auscultation by 2 people</i>	
32512	Classic paediatric - light-blue colour	
32516	Classic paediatric - black colour	
32678	Diaphragm Ø 45 mm - spare for Classic adult	
32664	Rigid eartips screw-type - white spare for Classic/Wan/Yton/Duca/Regalite	

JOTARAP TOP STETHOSCOPE: DOUBLE-HEAD, DOUBLE TUBE



32580

32582

Gima Sprague Rappaport type double-head, double-tube, latex free stethoscope at the price of a standard stethoscope.

5 in 1, five way convertible type stethoscope

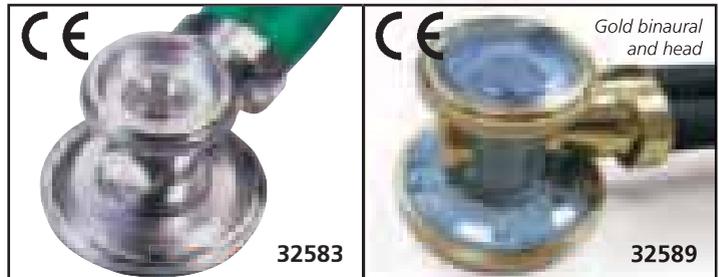
This convertible stetho, zinc alloy treaded with chrome plated chestpiece drum fitting with different sized chestpieces bells, provides versatile acoustical for infants and adults for the detection of a wide range of heart and lung sounds. Chestpiece with small and large diaphragm.

Double tubing for individual sound transmission

Two 56 cm (22") latex free separately thick wall tubing provide individual sound transmission from chestpiece to both side of the ear.

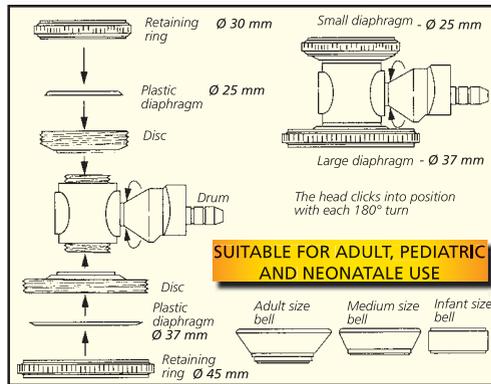
Complete with accessories kit (32590)

It is supplied with an accessories pouch containing: 3 interchangeable plastic black non-chill bells, adult and paediatric spare diaphragm, one pair clear neoprene eartips, one pair black mushroom eartips. Supplied in single cardboard box, with 6 languages manual (English, French, Spanish, Italian, Greek, Portuguese).



32583

32589



Codice GIMA	JOTARAP DOUBLE HEAD DOUBLE TUBE STETHOSCOPE	
32579	JOTARAP - purple	
32580	JOTARAP - black	
32581	JOTARAP - blue	
32582	JOTARAP - orange	
32583	JOTARAP - green	
32584	JOTARAP - yellow	
32585	JOTARAP - light blue	
32586	JOTARAP - fucsia	
32587	JOTARAP - transparent pink	
32588	JOTARAP - transp. seafoam green	
32589	JOTARAP GOLD - black	
32590	ACCESSORY KIT - spare	

32590



3M™ LITTMANN® STETHOSCOPES



SELECT

The 3M Littmann® Select Stethoscope is ideal for general examination purposes, including blood pressure measurement. The patented single-sided chestpiece for both low and high frequency sounds offers acoustic clarity.



CLASSIC II PED



CLASSIC II INFANT

The patented tunable diaphragm allows both low and high frequency sounds to be heard with either side of the chestpiece.

CLASSIC II S.E. IN 14 COLOURS



CLASSIC II S.E.



CARDIOLOGY III



MASTER CLASSIC II



MASTER CARDIOLOGY



S.T.C. CARDIOLOGY SOFT TOUCH CHESTPIECE

It offers recording (storage and playback) capabilities and the ability to transfer sounds via infrared. Comes with software allowing a phonocardiogram visual display

18 times amplification



LCD display in chestpiece, including heart rate readout

ELECTRONIC 4100 SW



ELECTRONIC 3000

Ambient Noise Reduction (ANR) technology acoustically cancels out an average of 75% of distracting room noise. This acoustic canceling out is different than electronic filtering, which may also filter out some important portions of body sounds.



32451

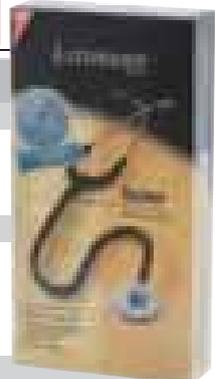


32450

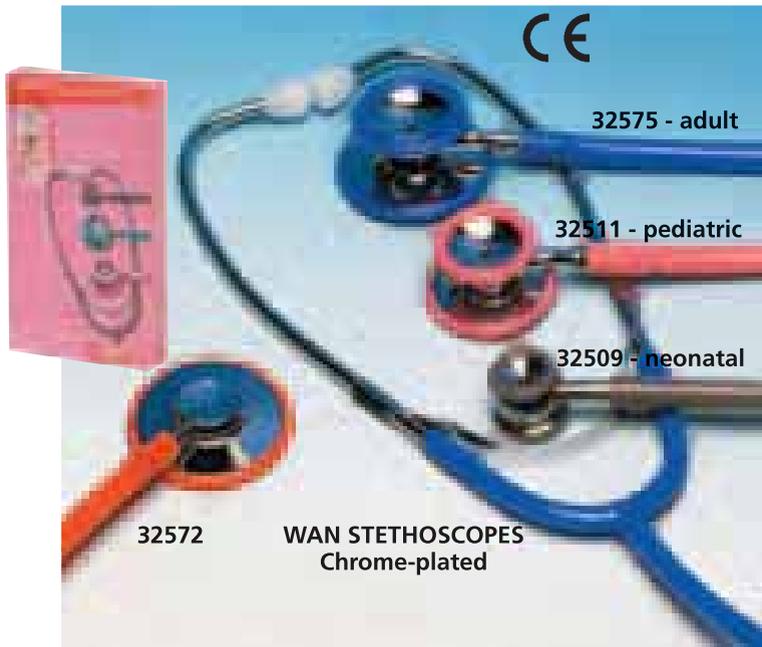


32456

GIMA code	3M code	ORIGINAL 3M™ LITTMANN® STETHOSCOPES
SELECT		
32400	2298	■ Littmann® Select - royal blue
32401	2293	■ Littmann® Select - burgundy
32402	2203	■ Littmann® Select - lilac
CLASSIC II PEDIATRIC		
32404	2113	■ Littmann® Classic II ped. - black
32405	2119	■ Littmann® Classic II ped. - caribbean blue
32406	2113R	■ Littmann® Classic II ped. - red
32407	2122	■ Littmann® Classic II ped. - raspberry
CLASSIC II INFANT		
32409	2126	■ Littmann® Classic II infant - lilac
32410	2114	■ Littmann® Classic II infant - black
32411	2114R	■ Littmann® Classic II infant - red
32412	2125	■ Littmann® Classic II infant - raspberry
CLASSIC II S.E. ADULT		
32413	2210	■ Littmann® Classic II S.E. - raspberry
32414	2209	■ Littmann® Classic II S.E. - purple
32415	2201	■ Littmann® Classic II S.E. - black
32416	2205	■ Littmann® Classic II S.E. - navy blue
32417	2208	■ Littmann® Classic II S.E. - hunter green
32418	2203	■ Littmann® Classic II S.E. - gray
32419	2211	■ Littmann® Classic II S.E. - burgundy
32420	2206	■ Littmann® Classic II S.E. - caribbean blue
32421	2813	■ Littmann® Classic II S.E. - ceil blue
32422	2812	■ Littmann® Classic II S.E. - orange
32423	2815	■ Littmann® Classic II S.E. - pink
32424	2814	■ Littmann® Classic II S.E. - seafoam green
32480	2819	■ Littmann® Classic II S.E. - ocean blue
32481	2822	■ Littmann® Classic II S.E. - peach
32470	2118BE	■ Littmann® Classic II S.E. - "black edition"
MASTER CLASSIC		
32425	2146	■ Littmann® Master Classic II - burgundy
32426	2144	■ Littmann® Master Classic II - black
32427	2147	■ Littmann® Master Classic II - navy blue
32471	2141	■ Littmann® Master Classic II - "black edition"
CARDIOLOGY III		
32430	3128	■ Littmann® Cardiology III - black
32431	3129	■ Littmann® Cardiology III - burgundy
32432	3130	■ Littmann® Cardiology III - navy blue
32433	3135	■ Littmann® Cardiology III - plum
32472	3131BE	■ Littmann® Cardiology III - "black edition"
MASTER CARDIOLOGY		
32435	2160	■ Littmann® Master Cardiology - black
32436	2163	■ Littmann® Master Cardiology - burgundy
32437	2164	■ Littmann® Master Cardiology - navy blue
32439	2167	■ Littmann® Master Cardiology - plum
CARDIOLOGY S.T.C.		
32445	4471	■ Littmann® S.T.C. Cardiology - black
32446	4472	■ Littmann® S.T.C. Cardiology - burgundy
32447	4473	■ Littmann® S.T.C. Cardiology - navy blue
32448	4475	■ Littmann® S.T.C. Cardiology - plum
ELECTRONIC - CARDIOLOGY		
32438	3000 BK	■ Littmann® Digital - 3000 - black
32441	3000 BU	■ Littmann® Digital - 3000 - burgundy
32442	3000 NB	■ Littmann® Digital - 3000 - navy blue
32440	E 4100	■ Littmann® Digital - E4100 SW- black
ORIGINAL LITTMANN ACCESSORIES		
32449	36572	■ Diaphragm + retaining ring for Classic PED - box of 5 pcs.
32450	36566	■ Diaph + ring for Classic II, Select, Master Classic, Cardio III - box of 5 pcs.
32452	37812	■ Diaphragm + retaining ring for Master cardiology - box of 5 pcs.
32453	31185	■ Diaphragm + retaining ring for S.T.C. cardiology - box of 5 pcs.
32451	37812	■ Ear Tips - grey - box of 10 pairs
32455	36569	■ Neoprene gray ring - infant - box of 5 pcs.
32456	36586	■ Neoprene gray ring - pediatric - box of 5 pcs.
32457	36544	■ Neoprene gray ring - Classic II - box of 10 pcs.
32458	36570	■ Neoprene gray ring - Cardiology III - box of 10 pcs.
32460		■ Binaural Classic II - black
32461		■ Binaural Cardiology III and Master Cardiology - black
32462		■ Binaural Master Classic - black



WAN STETHOSCOPES



WAN STETHOSCOPES: adult, paediatric and neonatal
Features a chrome-plated zinc-alloy chestpiece, a screw-on plastic retaining ring, outer spring binaural and colour matched moulded PVC tubing with non-chill ring. Assure optimum acoustic performances. Chestpiece: Ø 45 mm (adult), Ø 35 mm (paediatric), bell Ø 30 mm. Supplied in a cardboard box.

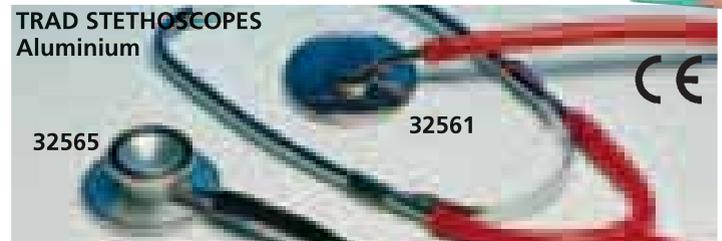
GIMA code	WAN STETHOSCOPES - LATEX FREE
32570	WAN single head adult - blue colour
32571	WAN single head adult - burgundy colour
32572	WAN single head adult - orange colour
32575	WAN double head adult - blue colour
32576	WAN double head adult - burgundy colour
32577	WAN double head adult - orange colour
32509	WAN double head neonatal- grey colour
32511	WAN double head paediatric - pink colour
32513	TAI double head paediatric - light-blue colour

YTON AND TRAD STETHOSCOPES



YTON STETHOSCOPES:
Chestpiece Ø 45 mm, bell Ø 30 mm (for double head), with colour coordinated plastic retaining ring. "Duracote" finished. Supplied in cardboard box

GIMA code	YTON STETHOSCOPES - LATEX FREE
32514	Yton single head - green teal colour
32530	Yton double head - green teal colour



TRAD STETHOSCOPES:
Traditional aluminium stethoscopes, lightweight and reliable. Chestpiece diaphragm Ø 40 mm (Ø 30 for pediatric model), bell Ø 20 mm. Supplied in cardboard box.

GIMA code	TRAD STETHOSCOPES
32559	TRAD single head - pediatric - light blue
32560	TRAD single head - black colour
32561	TRAD single head - red colour
32562	TRAD single head - blue colour
32563	TRAD single head - yellow colour
32564	TRAD single head - purple colour
32565	TRAD double head - black colour
32566	TRAD double head - red colour
32567	TRAD double head - blue colour

RAPPAPORT STETHOSCOPES

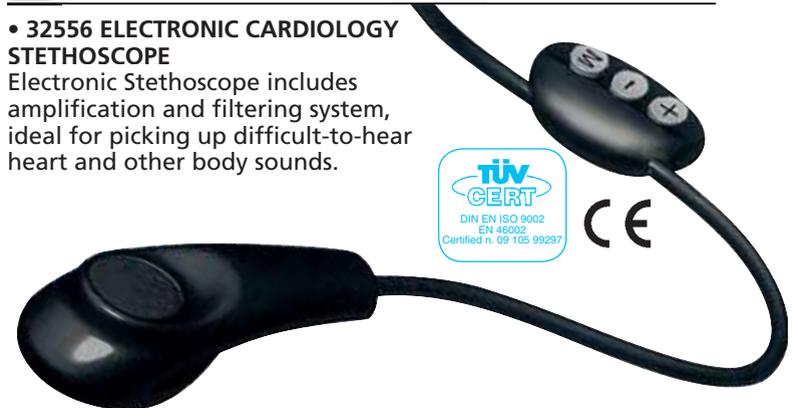


- 32600 RAPPAPORT - black
- 32602 RAPPAPORT - red
- 32601 RAPPAPORT - blue (with clock)

Sprague Rappaport type stethoscopes double tube, double head. Complete with accessory kit to be used for adult, pediatry and neonatal applications. Code 32601 is provided with a clock on the top of the head for easy pulse count.

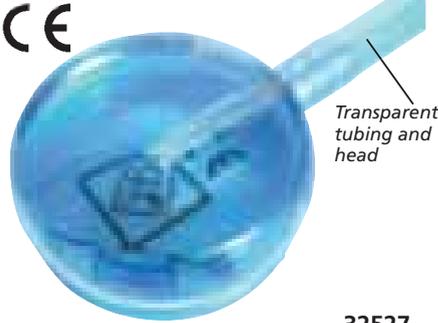
ELECTRONIC STETHOSCOPE

- 32556 ELECTRONIC CARDIOLOGY STETHOSCOPE
Electronic Stethoscope includes amplification and filtering system, ideal for picking up difficult-to-hear heart and other body sounds.



- Fully electronic, eliminates the aphonic and resonance effect.
 - Audio frequency is divided into 3 selective modes. Standard bell (20° V 200 Hz), Diaphragm (100° V 500 Hz), and Extended Diaphragm (100° V 1000 Hz).
 - The electronic amplifying system allows to adjust 8 volumes (0-18 dB)
 - An accurate sound-filter enhances the articulation of sound collection.
 - It amplifies responses of preferred low frequency sounds and filter the undesirable ambient noise of high frequency.
- Length: 72 cm (29") Colour: black

SINGLE HEAD STETHOSCOPES - LATEX FREE



Transparent tubing and head

32527

- 32527 DESIGN STETHO - light blue
- 32528 DESIGN STETHO - light purple

High quality single head Stethoscope with fashionable design diaphragm and "Superflex™" binaural. Provides high acoustic performances thanks to its quality components. Head and tube are in transparent coordinated colour.



DUCA (black tubing)

32522
CE

32520

BLACK DUCA (white tubing)

- 32519 DUCA - blue tube
- 32520 DUCA - black tube
- 32521 DUCA - burgundy tube
- 32523 BLACK DUCA - white tube
- 32522 BLACK DUCA - black tube

Chromed chestpiece - latex free

Black chestpiece - latex free
Traditional stethoscopes with robust, heavily chromed single-head chestpiece with floating diaphragm for a superior acoustic sensitivity. Excellent for taking blood pressure and general auscultation.



32524

- 32524 STETHOSCOPE LINUX - black
- 32529 STETHOSCOPE LINUX - red

Single head stethoscope with zinc alloy chestpiece with chrome-plated silver finish. The special design assures better performances by pushing the back of the head.

Special design of binaural for suiting the ear structure.

Supplied in deluxe box.



CARDIOLOGY / PNEUMOLOGY STETHOSCOPES

- 32552 CARDIOLOGY CLASSIC STETHOSCOPE

Cardiology Classic offers acoustical excellence in a traditional design. Its innovative features include:

- stainless steel chestpiece (diameter 36-47 mm) with extra deep cone-shaped bell for a superb low frequency response
- stainless steel double inner spring binaural
- floating diaphragm for unsurpassed amplification
- durable, elegantly moulded

32552

Colour co-ordinated non-chill ring and diaphragm retaining ring PVC black tubing



- 32526 REGALITE - black

Top quality single head stethoscope.

Patented multi-frequency "ring-o-raised™" diaphragm system. Chromed plated chestpiece with "SUPERFLEX" inner spring binaural and 1 piece moulded PVC, latex free, tubing.

Supplied in deluxe box, with spare soft eartips and one spare diaphragm.



32526

SPARE PARTS FOR STETHOSCOPES



GIMA code	STETHOSCOPES: SPARE PARTS	Minimum order
32660	Male-Female adaptor	10 pcs.
32661	Standard eartips	10 pcs.
32663	Mushroom eartips	10 pcs.
32665	SNOWDEN binaural - folding	10 pcs.
32666	BERTA binaural - fixed	10 pcs.
32676	Diaphragm + retaining ring - diam. 42 mm	10 pcs.
32677	Diaphragm + retaining ring - diam. 56 mm	10 pcs.
32655	Single stethoscope head	10 pcs.
32656	Double stethoscope head	10 pcs.



For pediatric applications fits every kind of stethoscopes



32654

Other shapes available on request for quantities

GIMA code	QUALITY "Y" TUBING	Minimum order
32620	"Y" tubing mixed colours	box of 20
32621	"Y" tubing - black	box of 20
32622	"Y" tubing - green	box of 20
32623	"Y" tubing - blue	box of 20
32624	"Y" tubing - red	box of 20
32625	"Y" tubing - orange	box of 20
32626	"Y" tubing - light blue	box of 20
32627	"Y" tubing - yellow	box of 20
32628	"Y" tubing - purple	box of 20
32629	"Y" tubing - pink	box of 20
32645	"Y" tubing - other colours on request*	box of 20

32654 Dragon cover for stethoscope

*Over 20 colours available: frosted green/lilac/blue/mell/pink, lavender, teal, ice blue, gray,...

ANEROID AND DIGITAL YTON: VALUE LINE OF SPHYGMOMANOMETERS



- 32720 YTON SPHYGMO - adult
 - 32703 YTON INCORPORATED SPHYGMO - adult with integrated stethoscope
- Economic sphygmomanometers with nylon cuff with velcro closure, reliable manometer with clip to be fixed on the cuff. Scale 0-300 mmHg. Air release at closed tap max 4 mm Hg/minute. Manual setting of deflation possible up to 2/3 mm Hg. From 260 mm Hg to 15 mm Hg max

- deflation time 10 sec. Scale graduated every 2 mm Hg. Floating zero (the pointer has no stop point but swings freely), nylon velcro cuff, latex bulb with chromium plated valve. Chromium-plated air tap with air release regulation by screw valve. Supplied with a simulated-leather soft pouch with zip in a carton box.
- 32701 YTON MANOMETER - manometer only

- 32722 YTON DIGITAL SPHYGMO
- Semi-automatic digital sphygmomanometer with manual inflation and automatic deflation through manual valve. Light: only 50 g, one third of a normal blood pressure monitor. A large 9 digits LCD display shows systolic/diastolic/pulse rate simultaneously, and store 90 memories. Range: 40-260 mmHg Pulse: 40-160/minute Power supply: 1 x AAA battery

SPHYGMOMANOMETERS WITH GAUGE ON THE CUFF



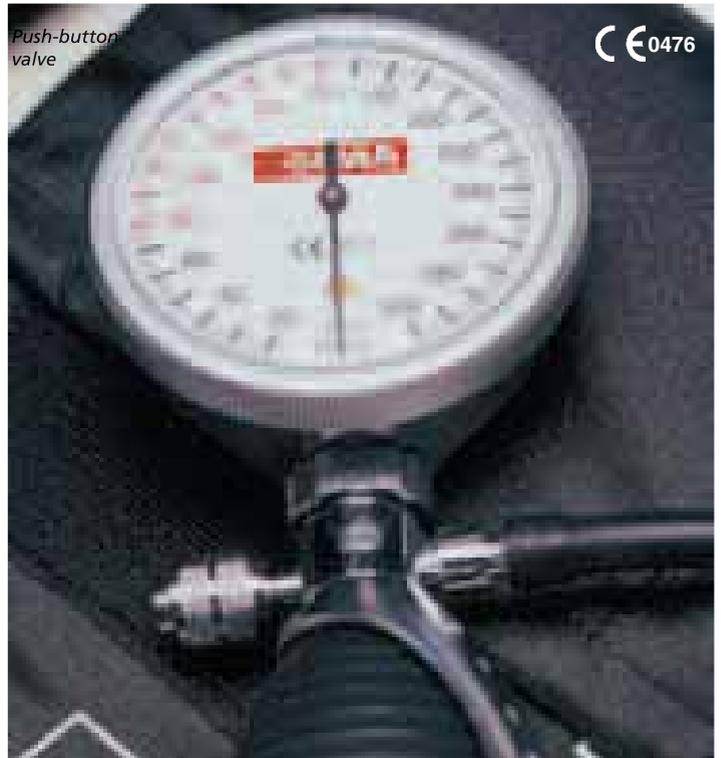
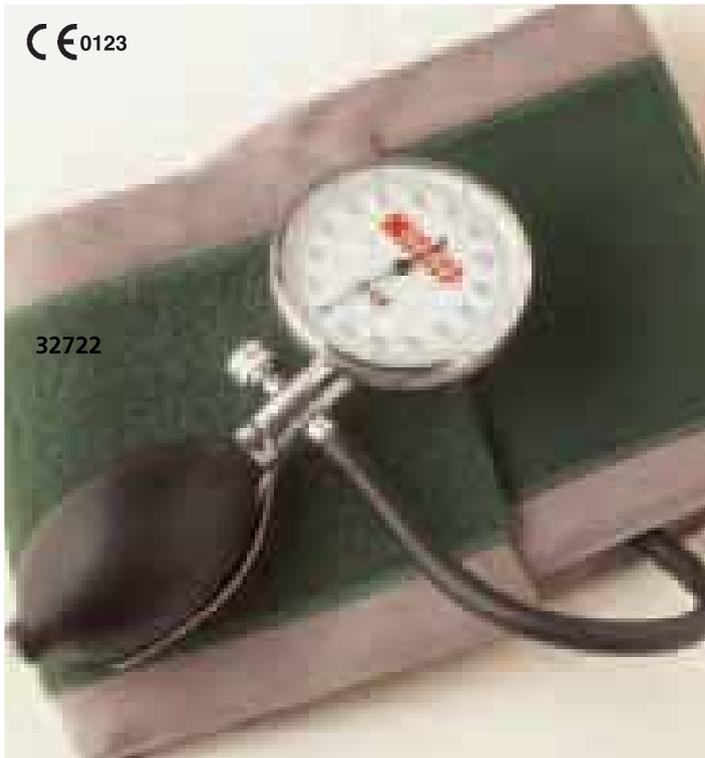
- 32724 BERLIN SPHYGMO - velcro cuff
- High quality sphygmomanometer with gauge mounted on cuff:
- High reliable manometer with extra large dial Ø 65 mm
 - Top quality and resistant linen cuff with simulated leather support and velcro closure
 - Extra large PVC bulb, 9x5 cm, latex free
- Made in Italy - German manometer

- 32723 NEW EXACTOPHON SPHYGMO - pull-on strap cuff
- GIMA quality and reliability in a stylish and long-life sphygmomanometer. EXACTOPHON has a reliable manometer fixed on a simulated leather support, on a highly resistant linen pull-on straps cuff. Supplied in a nice carrying case and box. Made in Italy: GIMA.

- 32719 GIMATONO - latex free
- Economic sphygmo with chrome-plated manometer fixed on the cuff, provided with a rubber protective ring. Nylon cuff with simulated-leather support. Two tubes adult size latex free bladder, with standard latex free bulb. Supplied in nylon bag and carton box. Made in P.R.C.



SIRIO AND BOSTON, LARGE DIAL, METAL SPHYGMO



- 32729 SIRIO SPHYGMO - adult - grey/green cuff

Classic sphygmomanometer with fabric cuff with velcro closure (green/grey colour). Reliable large dial manometer for easy readings, fixed on bulb. Scale 0-300 mm Hg, graduated every 2 mm Hg. Supplied in carrying case and box, with 4 languages user manual (English, Spanish, French, Italian).

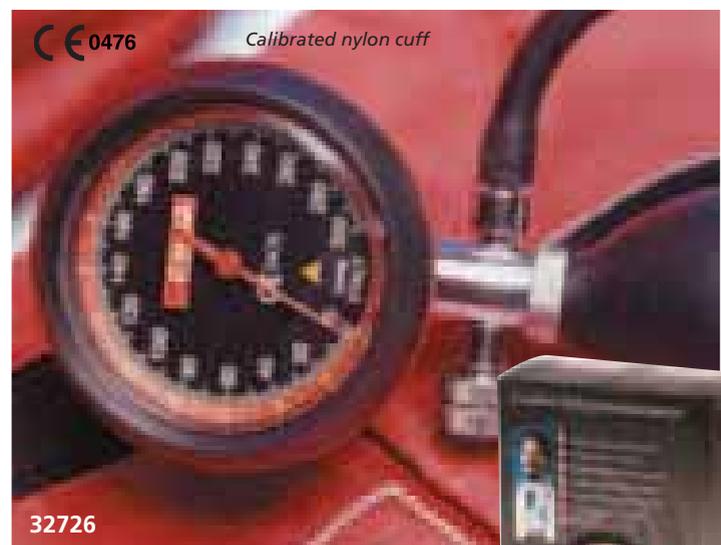


- 32731 BOSTON SPHYGMO - adult - black cuff
- 32718 BOSTON SPHYGMO - adult latex free - grey cuff

Strong durable and elegant palm model aneroid metal zinc-alloy manometer with integral bulb and air release valve for one hand use, provided with a special left and right hand adjustable handle, nylon velcro closure calibrated cuff and 1 tube bladder. Easy to read: large dial Ø 65 mm. Unique push button air release valve offers precise mini-deflation (only 32731). Special PVC patented ribber bulb. Supplied in a nice nylon carrying bag and box.



LONDON: PROFESSIONAL SPHYGMO



- 32725 LONDON SPHYGMO - adult - black cuff
- 32726 LONDON SPHYGMO - adult - red cuff

Professional, stylish, reliable and lightweight sphygmomanometer with ABS manometer, integral bulb, high quality precision mechanism, velcro closure calibrated nylon cuff and one tube bladder. Dial Ø 55 mm, with specially designed eye-catching colour printing and easy to read.

Special outer ring protects the manometer from shocks and the glass from scratches. Zero adjustable: calibrated simply by turning the outer ring of the manometer (patent design: 01245326.9). Supplied in a nice colour co-ordinated carrying bag and box. With multilingual user manual.



TOKYO AUTOMATIC SPHYGMO

• **32735 TOKYO SPHYGMO - adult - grey colour cuff**
Professional sphygmomanometer with large Ø 65 mm dial and **button type air release valve**. ABS light plastic case, and extra shock-proof ring for long durability.



360° degree rotary handle. Supplied with grey nylon calibrated cuff with D-ring, grey 1-tube PVC, latex free bladder and grey PVC, latex free bulb in a nylon carrying bag and carton box.



CE 0476

For rapid (push) or gradual (screw) deflation

LATEX FREE

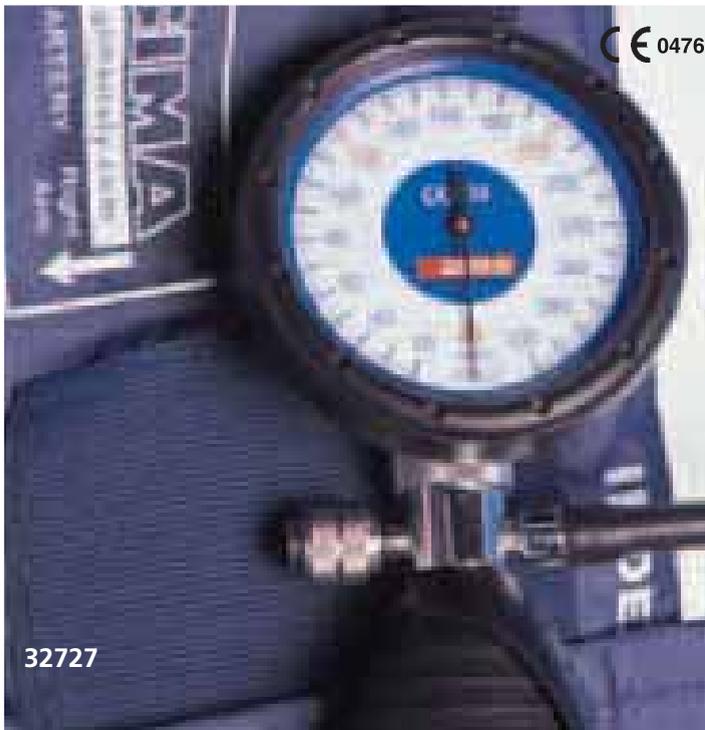


Press the button, rapid deflation



Screw the bottom, gradual deflation

ROMA SPHYGMOMANOMETERS - 5 DIFFERENT MODELS



CE 0476

Classic, lightweight, reliable palm model aneroid sphygmo with certified manometer ABS housing, integral bulb and air release valve for one-hand use, provided with handle, blue nylon, velcro closure, calibrated cuff and 1 tube bladder. Easy to read: large dial Ø 65 mm, with rubber protective ring. Supplied in a nice nylon carrying bag with external velcro pocket and carton box.



32728

FLUORESCENT DIAL PLATE

- 32727 ROMA SPHYGMO - adult - 1 Tube
- 32736 ROMA SPHYGMO - adult - 1 Tube - latex free
- 32734 ROMA SPHYGMO - adult - 2 Tubes
- 32709 ROMA SPHYGMO - pediatry - 1 Tube
- 32728 ROMA SPHYGMO - adult - fluorescent - 1 Tube

Same as 32727 but with special fluorescent dialplate to allow easy reading even in dark places. This feature is suitable for emergency applications.

- 32856 PVC RIBBED BULB
- 32857 PVC PROTECTIVE RING



ROMA MULTICUFFS KIT



CE 0476

32738

• **32738 ROMA KIT - Sphygmo with 3 cuffs**
Same as code 32727 but supplied with 3 cuffs: one pediatric (35x11 cm), one adult (49x15 cm) and one adult large (62x17,5 cm)

ROMA COMBO KIT

• **32740 ROMA COMBO KIT**
Practical kit with all necessary instrument for a basic diagnostic. It includes in a nylon bag the following items:

- Roma sphygmomanometer code 32727
- Rappaport type double head double tube stethoscope code 32601 (without clock)
- Alfa pen light code 25626
- Name Tag for stethoscope
- Nurse utility scissors code 34128
- Tape measure

All products are colour coordinated in blue.

Other colours or different components available for quantities.



CE 0476

32740

RIESTER ANEROID SPHYGMO - MADE IN GERMANY



CE 0124

Easily readable scale
Ø 64, from 0 to 300
mmHg, ± 3 mmHg

32715

Precision air release
valve with fine
adjustment and wear-free

Suitable for right or
left handed users



• **32715 RI-SAN® SPHYGMO**

- High quality palm-style sphygmomanometer with ergonomic design. Air release valve conveniently regulated by finger-tip control.
- Calibrated nylon cuff with velcro
 - Latex-free bulb for pumping up the cuff
 - Tube connection at the top of pressure gauge for unhindered blood pressure measurement
 - Microfilter protects air release valve and measuring system
 - Specially tempered copper-beryllium diaphragm almost non-aging
 - The precision movement guarantees reliable measurement
 - Diaphragm can be pressurized up to 600 mmHg



CE 0124

Precision air release
valve with fine
adjustment and wear-free

32717



• **32717 PRECISA® N SPHYGMO**

- A typical Riester quality product. In metal with aluminium housing and single tube - plug-in connection.
- Calibrated nylon cuff with velcro.
 - Latex bulb, and metal valve base
 - Ergonomic grip of stainless steel
 - Microfilter protects air release valve and measuring system
 - Specially tempered copper-beryllium diaphragm, with precision movement and almost non-aging
 - Diaphragm pressure-loading capacity up to 600 mm Hg
 - Scale, from 0 to 300 mm Hg, ± 3 mmHg



32711



CE 0124

• **32711 MINIMUS® II SPHYGMO**

- MINIMUS® is a reliable, durable and elegant palm model aneroid chrome-plated manometer with integral bulb and air release valve for one hand use, provided with a stainless steel handle, Luer Lock connection, calibrated black nylon cotton velcro closure cuff and 1 tube bladder. Supplied in a nice carrying case and box.

ONE-HAND SPHYGMO - GERMAN MANOMETER



HEINE OPTOTE

Made in Germany

The inflator spoon can be set for left-and-right-handed users.

CE 0124

• **32737 GAMMA "G5" HEINE SPHYGMOMANOMETER**

- With the new latex free G5® Heine, GIMA offers an aneroid sphygmomanometer of the highest quality of design and function with unequalled value for money. A modern, functional design combined with exceptional precision of measurement and durability make Heine G5 ideal for long-term use in clinic and practice environments. 5 years warranty.

- **Latex-free**
- Exceptionally-strong housing construction with triple-mounted, **shockproof** movement.
- **Impact-resistant housings** crafted in special, shock-absorbing materials incorporate the latest advances in injection-moulding technology.
- A **microfilter** protects the valve and movement.
- **Oversized inflator** speeds up cuff inflation.

• **32739 HEINE GAMMA "G7" SPHYGMO**

Same as "G5" but with aluminium manometer.



32730

COTTON CUFF

• **32730 RANGER SPHYGMO - adults**

- Classic, lightweight, reliable palm model aneroid sphygmo with metal certified manometer, integral bulb and air release valve for one-hand use, provided with s/s handle, Luer Lock connection, grey/green cotton velcro closure cuff and 1 tube bladder. Easy to read: large dial Ø 65 mm, values 100 and 200 are marked in red to facilitate readings. Supplied in a nice velvet carrying case and box. Made in European Community.



2 TUBES

• **32733 MINOR SPHYGMO - 2 tubes**

- Professional, stylish and extremely reliable sphygmomanometer with chrome-plated manometer, integral bulb, high quality precision mechanism, green cotton velcro closure cuff and two tube bladder. Supplied in a nice carrying case and box. Made in European Community.

RIESTER BIG BEN® - MADE IN GERMANY

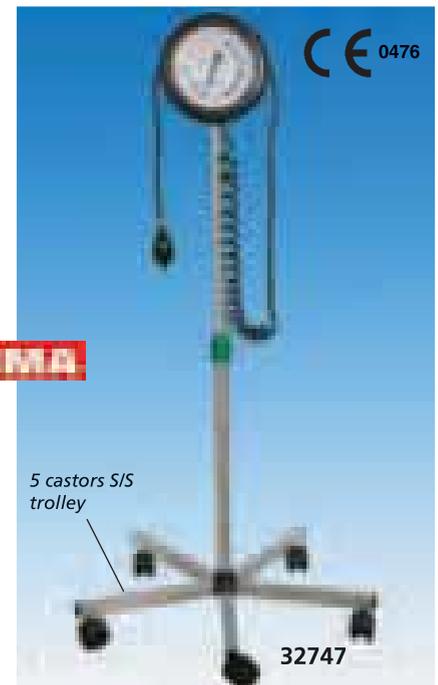
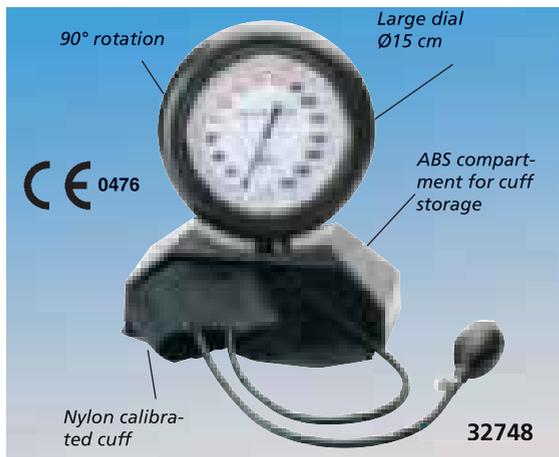
- 32742 RIESTER BIG BEN® - rail (clamp code 32766 and rail not included)
- 32743 RIESTER BIG BEN® - wall
- Rotation 130°, 65° right, 65° left
- 32746 RIESTER BIG BEN® - trolley

Aneroid sphygmomanometer, made of resistant plastic, with large dial (147 mm.) and white pointer on black dial plate for easy-to-read measurements from 0 mm Hg to 300 mm Hg. Basket on back for cuff storage after use. Velcro-closure black cuff 2 tubes, and long coil tubing. Quality product: made in Germany

- 32766 RAIL CLAMP
- Universal clamp (for code 32742) for any rail.



DALLAS SPHYGMO: WALL, DESK AND TROLLEY MODELS



- 32748 DALLAS SPHYGMOMANOMETER - desk model
- Provided with click-open compartment for cuff storage, rotation 90° for easy reading.
- 32749 DALLAS SPHYGMOMANOMETER - wall model
- Provided with rear plastic basket for cuff storage.
- 32747 DALLAS SPHYGMOMANOMETER - trolley model
- Provided with stainless steel trolley adjustable in height, with 5 castors

All DALLAS sphygmoms are provided with extra large dial plate (Ø 150 mm) for easy reading, black nylon calibrated cuff and quality inflation system. Scale 0-300 mmHg.

INFUSION CUFFS

- 32684 RIESTER INFUSION CUFF - 500 cc
 - 32685 RIESTER INFUSION CUFF - 1000 cc
- Pressure cuff for infusion with high quality gauge to allow blood pressure monitoring during infusion, also incorporates safety-valve. Made in Germany.



- 32680 INFUSION CUFF - 500 cc
 - 32682 INFUSION CUFF - 1000 cc
- Infusion cuffs similar to above, made in Asia

NYLON BAGS IN 5 COLORS

Provided with zip closure and external pocket with velcro closure



GIMA code	NYLON BAGS	
32790	Sphygmo bag - 27x18xh5 cm	
32791	Nylon bag - blue - 22x15x5 cm	
32792	Nylon bag - blue - with inner foam	
32793	Nylon bag - green - 22x15x5 cm	
32794	Nylon bag - red - 22x15x5 cm	
32795	Nylon bag - black - 22x15x5 cm	
32796	Nylon bag - grey - 22x15x5 cm	



CUFFS FOR ALL NEEDS: FROM NEWBORN TO OBESE

GIMA code	CUFFS FOR SPHYGMOMANOMETERS	Minimum order
32807	Gitatono - Exactophon Cuff	6 pcs.
32808	Nylon velcro Cuff (no bladder) cm 49x15	10 pcs.
Fabric + Bladder: nylon + velcro fastening - Grey/green colour		
32810	Mini Cuff "1 T" 16xh5 cm	↑
32811	Mini Cuff "1 T" 23xh5 cm	10 pcs. also assorted
32812	Mini Cuff "1 T" 29xh7 cm	↓
32813	Mini Cuff "1 T" 33xh9 cm	
32814	Mini Cuff "1 T" 40xh11 cm	
32816	Mini Cuff "1 T" Set 5 pieces (32810-32814)	
32820	Mini Cuff "2 T" 16xh5 cm	↑
32821	Mini Cuff "2 T" 23xh5 cm	10 pcs. also assorted
32822	Mini Cuff "2 T" 29xh7 cm	↓
32823	Mini Cuff "2 T" 33xh9 cm	
32824	Mini Cuff "2 T" 40xh11 cm	
32826	Mini Cuff "2 T" Set 5 pieces (32820-32824)	
Fabric + Bladder: nylon + velcro fastening - Grey/green colour		
32830	Standard cuff + bladder 1 tube 52x14 cm	10 pcs.
32832	Standard cuff + bladder 2 tubes 52x14 cm	10 pcs.
32834	Large cuff + bladder 1 tube 61x17.5 cm	10 pcs.
32835	Large cuff + bladder 2 tubes 61x17.5 cm	10 pcs.
32837	Thigh cuff + bladder 1 tube 81x21 cm	6 pcs.
32838	Thigh cuff + bladder 2 tubes 81x21 cm	6 pcs.
32829	Cotton cuff + bladder 1 tube 53x14.5 cm	6 pcs.
Calibrated nylon cuffs + bladder		Colour
32842	Standard Cuff + bladder 1 tube 49x15 cm	
32843	Standard Cuff + bladder 2 tube 49x15 cm	
32844	Standard Cuff + bladder 1 tube 49x15 cm	
32845	Standard Cuff + bladder 1 tube 49x15 cm	
32846	Pediatric Cuff + bladder 1 tube 35x11 cm	
32847	Pediatric Cuff + bladder 2 tube 35x11 cm	
32848	Large Cuff + bladder 1 tube 62x17.5 cm	
32849	Large Cuff + bladder 2 tubes 62x17.5 cm	



One tube cuff for use with Ducale, Ranger, Sirio, London, Boston, Roma 1T, Tokyo, Ri-san, Precisa, Minimus.
Two tubes cuff for use with Minor, Diplomat, Yton line, Roma 2T, Dallas, Big Ben, Empire.

SPHYGMOMANOMETERS SPARE PARTS AND ACCESSORIES



GIMA code	SPHYGMOMANOMETERS SPARE PARTS	Minimum order
32865	Coiled tubing - black (42-45 spirals) extension 3 m rubber tubing - black - 48 cm	10 pcs.
32874	1 tube Bladder	10 pcs.
32875	2 tubes Bladder	10 pcs.
32876	1 tube + 1 hole Gitatono Bladder	10 pcs.
32880	Vertical glass tube	10 pcs.
32870	Male-Female metal connector	box 10
32871	Screw Type metal connector	box 10
32872	Bayonet Type metal connector	box 10
32873	Plastic connector	box 100

GIMA code	SPHYGMOMANOMETERS SPARE PARTS	Minimum order
32854	Yota PVC bulb - black - latex free	10 pcs.
32855	Yota latex bulb - black	10 pcs.
32860	Superior PVC bulb - green - latex free	10 pcs.
32859	Superior PVC bulb - black	10 pcs.
32850	Yota "automatic" air release valve	10 pcs.
32852	Yota chrome-plated air release valve	10 pcs.
32861	Superior chrome plated air valve	10 pcs.
32853	Yota inflation system	10 pcs.
32862	Superior inflation system - latex free	10 pcs.
32863	Deluxe inflation system	10 pcs.

DESK MERCURIAL SPHYGMOMANOMETERS



- **32750 YTON MERCURIAL SPHYGMO - adult**
Traditional desk mercurial sphygmomanometer in aluminium painted case with self locking, with adult blue nylon cuff with velcro and metal D-ring:
 - Internal graduated glass scale with inside diameter of 3.5 mm and a clear reading scale. On/off mercurial tap.
 - Range 0-300 mmHg
 - Air release at closed tap max 4 mm/Hg/Minute.
 - Graduated scale from 2 mmHg to 2mmHg, with bigger notches graduated every 10 units
 - Single packing in carton box
- **32759 YTON MERCURIAL SPHYGMO - pediatric**
Same as code 32750 but with pediatric cuff



- **STAR MERCURIAL SPHYGMO - COLOUR LINE**
Traditional desk mercurial sphygmo in wide lightweight metal box with mercury locking device and colour co-ordinated case, cuff, tubes and bulb. All provided with nylon calibrated cuff. Single packing in carton box.

GIMA code	STAR COLOUR SPHYGMOMANOMETERS	
32755	Star mercurial sphygmo - blue	
32756	Star mercurial sphygmo - green	
32757	Star mercurial sphygmo - red	

ELECTRO-PNEUMATIC TOURNIQUET

- **33132 ELECTRO-PNEUMATIC TOURNIQUET**
With one adult cuff and one thigh cuff
Applications: surgery of arms and legs, local anaesthesia. Built-in compressor, pressure setting up to 60 cm Hg, automatic compensation in case of loss of pressure, quick/Emergency disconnecting facility of the cuffs, solid cast-iron enclosure with transport handle, washable Velcro™ cuffs.
- **33135 SPARE CUFF** specify for adult, child or neonate.
- **33140 SPARE THIGH CUFF**



TECHNICAL SPECIFICATIONS
Operating voltage: 220 V - 50 Hz Weight: 3.5 kg
Size: 23 x 23 x 23.5 cm Made in France

DIPLOMAT CLASSIC

- **32752 DIPLOMAT CLASSIC**
Traditional desk mercurial sphygmo in wide lightweight metal box with mercury locking device and velcro cuff. High precision glass tube with capillars 4.2 mm +/- 0.2 mm. Range 0-300 mmHg. Made in Germany.
- **32882 GLASS TUBE - spare**



Internal Ø 4.2 mm



32752



MERCURIAL SPHYGMOMANOMETERS: WALL, RAIL, TROLLEY



YTON LINE - Made in China

- 32760 YTON MERCURIAL SPHYGMO - wall
 - 32769 YTON MERCURIAL SPHYGMO - trolley
- Mercury sphygmomanometers with velcro cuff (2 tubes) and storage compartment. 0-300 mm/Hg.

KENZ LINE - Made in Japan

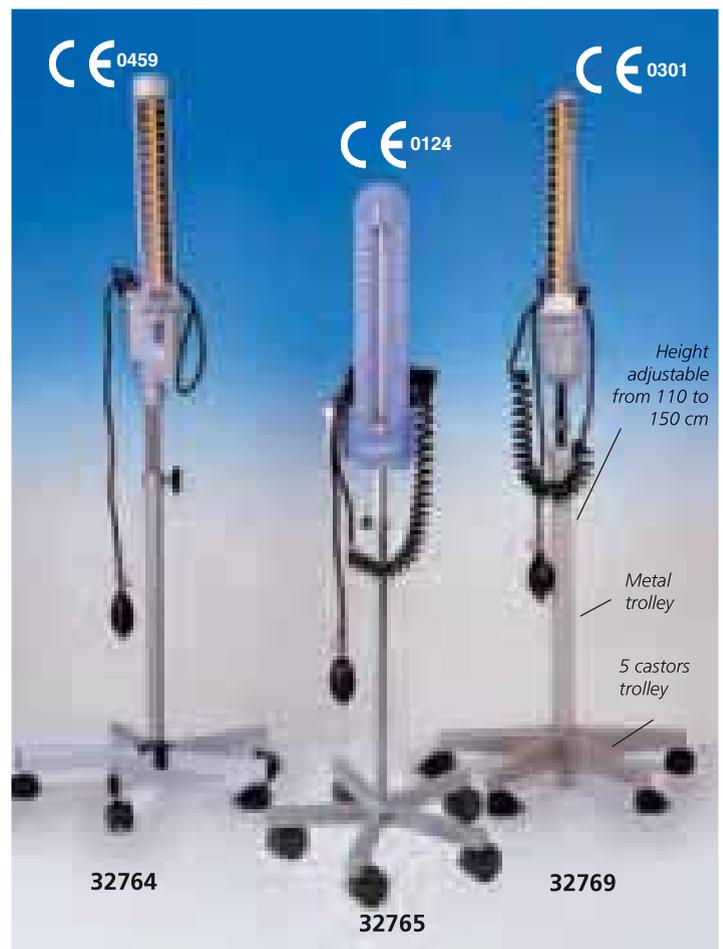
- 32764 MERCURIAL SPHYGMO - trolley
- Recommended for hospitals, thanks to its mobile trolley and height adjustable stand. Features include: velcro cuff (2 tubes) storage compartment, scale angled back for easy reading. Safety mercury locking device.

EMPIRE LINE - Made in Germany -

- 32762 EMPIRE - anaesthetic model (rail)
- 32766 RAIL clamp (for code 32762)
- 32763 EMPIRE - wall
- 32765 EMPIRE - trolley

Attractive mercury sphygmomanometers. Housing made of resistant engineering plastic, including a basket, **swivelling up to 65° in each direction**. Precision glass tube with inner diameter of 4.2 mm +/- 0.2 mm. Face plate with easy-to-read graduated scale. Maximum reading 300 mmHg. Mercury lock. Basket for convenient accessory storage. Coiled tubing extensible to 3 m. Maximum error through range +/- 3 mmHg. 5 revolving castors 5 cm Ø. With latex bulb and chromed-plated air release valve. Mounting hardware included.

- 32883 GLASS TUBE - spare for EMPIRE



DIGITAL BLOOD PRESSURE MONITORS



75 (or 3x25) sets of memory
For adults over 18 years (wrist circumference 13.5-19.5 cm)



Automatic inflation and deflation



- 32770 MS-702 DIGITAL MANUAL SPHYGMO
- 32772 MS-700 DIGITAL AUTOMATIC SPHYGMO
- 32781 SPARE CUFF MS-702 - adult
- 32782 SPARE CUFF MS-703 - adult

Digital, electronic blood pressure/pulse rate monitor for easy measurement also for non-professionals

- large LCD display shows blood pressure and pulse rate
- self-adjusting cuff, Velcro type closure, helps placement errors elimination, no stethoscope needed (oscillo-metric method)
- compact, palm size, ensures full portability
- low battery indicator, automatic shut off after 3 minutes

• 32779 MS 906 WRIST SPHYGMO
Automatic wrist digital blood pressure monitor for accurate and stable measurements. With large LCD display an utility case for storage.

TECHNICAL SPECIFICATIONS

	32772	32770	32779
Display LCD:	93x31.5 mm	52x22.5 mm	-
Digit size	8.5x18.5 mm	5x12.5 mm	-
Pressure/pulse range	20~280 mmHg /40~180 P/m		
Pressure/pulse accuracy	pressure ± 3mm Hg/ pulse ± 5%		
Power sources 4 batteries	"AA" size	"AAA" size	2"AAA" size
Dimensions mm	185x95x46	145x75x38	81x72x33,5
Weight	680 g	480 g	100 g

GIMA DIGITAL BLOOD PRESSURE MONITORS



AUTOMATIC INFLATION AND DEFLATION

Both units are supplied with multilanguage box and manual (English, Italian, French, Spanish, Portuguese, Greek)



- 32787 GIMA AUTOMATIC B.P. MONITOR
- Innovative design digital fully automatic blood pressure meter:
- one-touch measurement
 - 30 sec. measurement time for normal blood pressure
 - 4 person use / 25 memories each
 - power saving system

TECHNICAL SPECIFICATIONS

Measuring method: oscillometric
Display: Systol, Diastol and Pulse
Measuring range: 20~280 mmHg (cuff pressure)
40~195 beats/min (pulse rate)
Accuracy: Pressure: +/- 3 mmHg
Pulse: +/-5% of reading
Power supply: 4x "AA" batteries
Dimensions: 140x120x70 mm
Weight: 300 g (ex. batteries) Arm cuff: 22-34 cm



- 32786 GIMA AUTOMATIC WRIST B.P. MONITOR
- Reliable digital blood pressure monitor with following features:
- one touch automatic inflation and deflation
 - large LCD display with date and time
 - 2 person use / 60 memories each
 - power saving system

TECHNICAL SPECIFICATIONS

Measuring method: oscillometric
Measuring range: Pressure 20~280 mmHg
Pulse 40~195
Accuracy: Pressure: +/- 3 mmHg
Pulse: +/-5% of reading
Power supply: 2x "AAA" batteries
Dimensions: 80x60x75 mm
Weight: approx 130 g (including cuff, ex batteries)
Wrist circumference: 13.5 - 19.5 cm



CLINIC ELECTRONIC SPHYGMO

CE 0123

6 COLOUR "WHO" LIGHT INDICATOR

6 COLOR WHO BLOOD PRESSURE LIGHT INDICATOR

- Severe Hypertension
- Moderate Hypertension
- Mild Hypertension
- High-normal
- Normal
- Optimal



32796

- **32797 CLINIC DIGITAL SPHYGMO - table**
Professional digital blood pressure monitor for hospital and medical use.
 - Fully automatic inflation and deflation, large LCD display (5x6 cm) easy to clean.
 - Extra memory: 4 users with 99 memories each
 - Clock mode: show current date and time when not in operation
 - Average readings available hourly, daily, weekly, monthly, over all
 - 4 alarm setting for medication
 - Irregular heartbeat indication
- **32798 PC SOFTWARE + USB CABLE**
Available PC link software with USB connector

TECHNICAL SPECIFICATIONS

Measuring type:	oscillometric system	
Measuring range:	Pressure - 20 ~ 280 mmHg	Pulse: 40 ~ 195 beats/min.
Accuracy:	Pressure ± 3 mmHg	Pulse: $\pm 5\%$
Power supply:	4x "AA" batteries or AC adaptor (option)	
Weight:	Approx. 380g (including cuff, ex. batteries)	
External dimension:	195(L)x126(W)x62(D) mm	
Arm cuff:	22 - 34 cm	

DOMINO DIGITAL B.P. MONITOR

Automatic inflation deflation



32803

- **32803 DOMINO DIGITAL BLOOD PRESSURE MONITOR**
- **32804 DOMINO DIGITAL B.P. MONITOR on trolley with basket**
Professional desk Blood Pressure monitor for hospital and medical use.
 - Extra large LCD display with innovative design
 - Date/time/ambient temperature ($^{\circ}$ C/ $^{\circ}$ F) display
 - IHB Irregular heartbeat detector
 - 120 memories (60 sets for 2 users)
 - Alarm clock reminding function
 - WHO blood pressure classification indicator
- **32802 AC ADAPTOR**

32804

CARATTERISTICHE TECNICHE

Measuring range:	Pressure - 40 ~ 260 mmHg	Pulse: 40 ~ 160 beats/min.
Accuracy:	Pressure ± 3 mmHg	Pulse: $\pm 5\%$
Power supply:	4x "AA" batteries or AC adaptor (option)	
External dimension:	158(L)x120(W)x127(H) mm	Weight: 490 g

LCD DISPLAY, MERCURY-FREE SPHYGMOMANOMETERS

MERCURY FREE SPHYGMOMANOMETERS
A new technology of LCD display mercury-free sphygmomanometers alternative to the mercury column. With precise results and support to global environment saving pollution. Manual inflation and air release.

GREEN AND ENVIRONMENTAL PROTECTION

CE

32800



32801

- **32758 UM-101 MERCURY FREE SPHYGMOMANOMETER**
A new highly advanced digital blood pressure monitor alternative to the mercury column
 - Auscultatory blood pressure measurement without mercury
 - Pressure level marker button for useful reminders
 - Digital readout for pulse rate
 - Adjustable display column for easier analysis of results

Range Numerical Display:
pressure 0-300 mm Hg ± 3 mm Hg, pulse 30-200 beats/minute $\pm 5\%$
Range pressure bar display: pressure 20-280 mm Hg ± 4 mm Hg
Power supply: 2x1.5V alkaline batteries

CE 0366



Made in Japan



- **32800 GREEN MERCURY FREE SPHYGMO - cassette**
- **32801 GREEN MERCURY FREE SPHYGMO - on trolley with basket**

TECHNICAL SPECIFICATIONS (32800, 32801)

Size:	360x96x66 mm (32800)	
Measuring range:	40-240 mmHg	
Accuracy:	Pressure: ± 3 mmHg	Pulse: $\pm 5\%$
Power supply:	battery	

ARTERIAL HARDNESS AND BLOOD PRESSURE MONITOR



32774

Artery

Normal



Danger

• 32774 VITAL VISION MS-1200

The first unit in the world measuring artery stiffening. Arterial hardness measurement complements blood pressure management. Both are needed to ensure a long and healthy life. Measuring arterial hardness and blood pressure on a regular basis will help you to gain knowledge of your cardiovascular condition and provide early diagnosis for treatment.

Size: 175x90x105 mm with cuff storage compartment
30 sets of memories with date/time stamp for blood pressure and pulse rate monitor.

24 HOURS BLOOD PRESSURE MONITOR SYSTEM



32780

• 32780 DAILY ABPM + software

A simple, economic and small size unit for 24 hours ambulatory blood pressure monitoring.

Main features:

- 4 - memory zones, 99 - readings each (total 396 measurements)
- Patient-friendly performance at affordable price
- Automatic measurement by two predetermined intervals
- Irregular Heartbeat detector, detect a disturbance in the regular rhythm of the heartbeat
- Big LCD display showing measuring date and time
- 5 - mode average function, by hour, day, week, month and overall
- Transfer to PC via software and USB plug of measured values
- Lithium battery, long - time measurement

Supplied with arm cuff (22-24 cm) and software.

TECHNICAL SPECIFICATIONS

Measuring type: Oscillometric system
Measuring range: Pressure: 20 -80 mmHg
Pulse: 40-195 beats / min.
Accuracy: Pressure: ± 3 mmHg Pulse: ± 5%
Power supply: Lithium Battery, 3.7V 1050mA
Weight: Approx. 260g (including cuff, ex. batteries)
External dimension: 184x84x33 mm
Arm cuff: 22-34 cm

UP TO 52 HOURS AMBULATORY BLOOD PRESSURE MONITOR

• 33351 AM100 GIMA ABPM with adult cuff

The AM100 is a compact, lightweight instrument that provides a cost-effective solution for monitoring patient's blood pressure outside the clinical environment.

AM100 employs the popular oscillometric technique of blood pressure measurement that is used in patient monitoring in hospital worldwide. The simplicity of this technique provides for the quickest patient hook-up. AM100 interfaces with **Win Pro PC Software** for monitor programming as well as report editing and generation.

Oscillometric technology: quick hook-up, making it easy to use, saving your staff time

Compact and quiet: silent operation and compact size aid patient compliance.

Low power consumption: requires only two "AA" batteries, making this unit much less expensive than others.

AM100 is supplied complete with software, standard cuff, carrying-bag, English manual and PC connection cable.

- 33348 PEDIATRIC CUFF - 34x11 cm
- 33349 ADULT CUFF - 57x14,5 cm
- 33353 ADULT LARGE CUFF - 62x17 cm

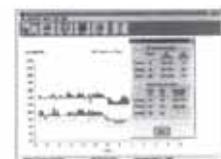
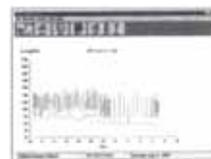


Compact size: 12x7x3 cm, and light, 280 g only, including batteries

PG WIN PRO PC INTERFACE

- Creates a monitoring plan tailored to an individual patient with up to 3 specific time periods
- Generates concise clinical reports.

PG Win reports include full disclosure of blood pressure readings, heart rate, mean arterial pressure, blood pressure load and trend of BP values vs. time.



TECHNICAL SPECIFICATIONS

Technique: Oscillometry with step deflation
Accuracy: +/- 3 mmHg
Display: Liquid crystal
Recording duration: Up to 52 hours
Sample quantity: Over 250 sample of systolic, diastolic, MAP and heart rate
Sampling periods: 3 time periods
Power source: 3 VDC/Two 1.5 V "AA" Alkaline

■ NYSTAGMUS SPECTACLES - DR. FRENZEL

• **31204 NYSTAGMUS SPECTACLES - DR. FRENZEL**
 Easy to use in the search of spontaneous or provoked nystagmus. Fixed, biconvex lens + 18.0 diopters. Nystagmus spectacles should be connected only with < 4.2V transformer as from safety norms 93/42/EEC, see "GIMA5" at page 107. Made in Germany.

• **31206 BATTERY NYSTAGMUS SPECTACLES**
 This model allows wireless working and is not bound to power supply. The Nystagmus Spectacle is provided with power through the adjustable battery placed above the spectacle and requires three 1.5 Volt batteries, size C LR14/AM-2 (baby cells). Illumination can be adjusted through a turn of the switch.

• **31130 AC/DC TRANSFORMER - see at page107.**
 • **31208 NYSTAGMUS LAMP - spare**
 4 Volt 0.230 Ampere, 1 Watt threading diam. 3.5 x 0.35 mm



■ VIDEONYSTAGMOSCOPE SYSTEM

• **31210 VIDEO-NYSTAGMOSCOPE SYSTEM - Spectacles and 1 camera**
 It facilitates to view and register the Nystagmus, reached through standard vestibular tests (both position and instrumental proof). This system allows to view on the monitor images of patient eyes during tests and also allows to make Visual Suppression Test (VST) through one red led ignition inside the mask to allow fixation. This useful and practical diagnostic system, thanks to its small dimension and reduced weight becomes fundamental for vestibular practise. Innovative technology used in the system allows to get images of quality that make the professional activity easy. Power 220V (12V DC).

• **31211 ADDITIONAL CAMERA for 31210**
 To see both eyes on monitor at same time.
 • **31212 MONITOR for 31210**
 black/white 14" monitor - 1000 TV lines - 220 V



■ HANDHELD IMPEDANCE AUDIOMETER/TYMPANOMETER

- **33645 MT10 IMPEDANCE AUDIOMETER**
- **33646 MTP10 IMPEDANCE AUDIOMETER - with printer**
- **33647 PAPER ROLL - 80 mm thermal paper**
- **33648 SPARE EARTIPS Ø 6/7/9/10/11/13/15/18 mm**

- specify with order
 MT10 is an automatic, portable impedance audiometer for both screening and clinical applications

- Main features:**
- automatic Tympanometry test
 - pass/fail limits on screen
 - 4 acoustic reflex tests per ear
 - actual reflex response is recorded
 - reflexes tested at correct pressure
 - automatic reflex search
 - audiometric screening
 - memory for 20 patients
 - calculates gradient
 - many printing options
 - rechargeable batteries
 - large high resolution display

Tests	TECHNICAL SPECIFICATIONS
- Tympanometry	Normal: +200 to -300daPa Extended: +300 to -600daPa
- Acoustic Reflex Test	4 reflexes per ear Automatic Intensity Search or Fixed Stimulus Intensity Intensities: up to 110 dBHL (I00 dBHL at 3-4 kHz) Frequencies: 0.5 kHz, 1 kHz, 2 kHz, 3 kHz, 4 kHz. Actual reflex recorded and displayed
- Screening Audiometry	Intensity: 10 dBHL to 50 dBHL Frequency: 0.5 kHz, 1 kHz, 2 kHz, 3 kHz, 4 kHz.
Probe Tone	Frequency: 226 Hz ± 3% Amplitude: 85 dB SPL ± 3 dB
Pressure	Direction of Sweep: positive to negative Pump Speed: 250 - 350 daPa/sec. Resetting Time: 0 Seconds. Pressure Accuracy: +/- 10% or 10daPa
Internal Memory	Tympanometry, 4 reflex recordings and Audiogram for Left as well as Right ear. 20 patients' full testing scheme. Selective patient storing.
Power supply	3 High quality rechargeable NiMH batteries included.
Weight and Dimensions	MT 10 Weight: 500 g MT 10 Dimensions: 10x25x13 cm



Acoustic reflex test

- STANDARD ACCESSORIES**
- Base station with built-in thermal printer, charging and "interface to PC (only code 33646)
 - 3 rolls of thermal paper
 - power supply
 - 3 NiMH rechargeable batteries
 - set of eartips
 - operation manual
 - service manual

PORTABLE AUDIOMETERS

33612

- 33610 AUDIOMETER AS5-A - air conduction
- 33612 AUDIOMETER AS5-AOM - air+bone+masking
- 33620 TEST RESULTS PAD
- 33621 INSULATION DEVICE for air conduction phone (insulation 3-4 db)
- 33622 AIR CONDUCTION PHONE - spare
- 27139 CARRYING BAG - nylon

Gima audiometers have a microprocessor allowing simple and quick measure audition levels. All the operations can be made by a membrane keyboard and visualized on an alphanumeric LCD display of 16 characters.

FREQUENCY AND SOUND PRESSURE LEVELS

Frequency	250	500	1000	2000	3000	4000	6000	8000	Hz
Max. pure tone ac	90	105	105	105	105	105	90	80	dB HL
Max. pure tone bc	40	50	50	50	50	50	-	-	dB HL
Min. pure tone ac/bc	-10	-10	-10	-10	-10	-10	-10	-10	dB HL
Level increments	5	5	5	5	5	5	5	5	dB HL
Frequency accuracy	±3% at all frequencies								
Levels accuracy	±3 dB								
	ISO 389, UNE 74-020-78								



AUDIOMETERS FEATURES

	33610 AS5-A	33612 AS5-AOM
Air conduction	•	•
TDH39 phones	•	•
Continuous tone	•	•
Pulse tone	•	•
Signal indicator	•	•
Masking noise		•
Bone conduction		•
Bone vibrator		•
Patient response	•	•
LCD display	•	•

TECHNICAL SPECIFICATIONS

Channels: one
 Masking noise (33612 only): White noise
 Level range = 30 to 80 dB SPL
 Levels increments = 5 dB
 Power supply: 220 V 50/60 Hz, 15 W
 Dimensions: 342x246x95 mm Weight: 2,5 Kg
 Norm: UNE 20-613, IEC 601.1 Made in Europe

STANDARD ACCESSORIES

- 1. Air conduction phones thd-39
- 1. Bone conduction phone (only for 33612)
- 1. Patient response switch
- 1. Test results pad (100 sheet)
- 1. Pen (red, blue)
- User manual (English, Italian, Spanish)



CLINICAL 2 CHANNEL AUDIOMETER

- 33630 AC 50 PROFESSIONAL AUDIOMETER air + bone conduction Permits speech audiometry, hearing loss calculations and all types of audiometric tests, both screening and liminar-supralimiar, including diagnostic tests like: PURE TONE, SISI, VOCAL DISCRIMINATION, ABLB, LÜSCHER, WARBLE, STENGER and others. It can be connected to a printer which will produce the audiogram and hearing-loss assessment and to a PC, through an RS-232 C channel, to store and manipulate audiometric tests.
- 33633 INTERCOM KIT (headphone+microphone)
- 33631 SOFTWARE



AC50 comes complete with air and bone cuffs, patient response with switch, user manual.

FREQUENCY	125	250	500	750	1000	1500	2000	3000	4000	6000	8000	Hz
MAX LEVELS												
Pure tone Air Conduction	80	100	120	120	120	120	120	120	120	110	100	dB HL
Pure tone Bone Conduction	-	50	60	60	70	70	70	70	70	-	-	dB HL
Free field	-	70	90	90	90	90	90	90	90	80	-	dB HL
MASKING NOISE												
Narrow-band noise AC	60	80	100	100	100	100	100	100	100	100	90	dB HL
Narrow-band noise BC	-	40	50	50	60	60	60	60	60	-	-	dB HL
Speech noise AC					100							dB HL
Speech noise BC					70							dB HL
SPEECH/AUDIOMETRY												
Air Conduction					100							dB HL
Free field					70							dB HL
Min. levels	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	-10	dB HL
Levels increments	5	5	5	5	5	5	5	5	5	5	5	dB HL
Frequency accuracy	2% at all frequency											
Levels accuracy	±2 dB											

TECHNICAL SPECIFICATIONS

Channels: two
 Transducers: THD 39, B-71 or B-72
 Tone presentation: Continuous - Pulse - Frequency Modulation - Amplitude Modulation - ABLB - SISI
 Tone switching: Normal-Inverted tone switch - With key without noises
 Standards: • Safety: IEC 601.1, EN 60601.1
 • Audiometry: IEC 645.1, IEC 645.2 UNE20-641
 • Calibration: ISO 389, ISO 7566, UNE 74-020
 Outputs: Channel RS232 C - For HP - PCL or IBM Graphics printer
 Internal Memory: Capable of storing 50 patients
 Power supply: 220V 50/60 Hz (other options)
 Size: 470x250x95 mm
 Weight: 4.5 Kg



CLINICAL 2 CHANNEL AUDIOMETER

- 33623 SIBELSOUND 400-A AUDIOMETER - air conduction
- 33624 SIBELSOUND 400-AOM AUDIOMETER - air + bone + masking
- 33626 SIBELSOUND 400-SUPRA AUDIOMETER - air + bone + mask + software
- 33628 INTERCOM KIT (headphone + microphone)
- 33629 SOFTWARE

The SIBELSOUND 400 is a two-channel digital audiometer based on DSP processing. This audiometer is designed for quick and easy audiometric exploration of hearing thresholds and screening tests, such as suprathreshold pure tone tests (FOWLER-ABLB, TONE DECAY, WEBER, LOSCHER, ...).

- Air conduction (tdh 39): 125 - 8,000 Hz / HF: 8,000 - 20,000 Hz
- Levels: AC (-10 to 120 dB HL) / BC (-10 to 70 dB HL) / speech (-10 to 100 dB HL) free field (-10 to 80 dB HL)
- Masking levels (manual or synchronized): NBN AC (-10 to 100 dB HL), nbn bc (-10 to 70 dB HL) white & speech (-10 to 100 dB SPL)
- Tone: continuous, pulse, antenate, amplitude modulation.
- Level increases: 1 (A-AOM) - 5 (SUPRA)
- Frequency precision: ±1%/ level precision ±2% db SPL
- Automatic calculation of hearing loss and diagnosis (council, im, ss mexico, eli, sal, klochhoff, moh, others ...)
- Direct USB & RS-232 connection to PC to W50 audiometry
- Software and export to other management systems (EMR) direct USB & parallel connection to printer (HP PCL)

SIBELSOUND 400 FEATURES

	A	AOM	SUPRA
Bone conduction module		•	•
Masking by narrow band noise & white noise		•	•
Sisi test		•	•
Supralimiar tests		•	•
Speechaudiometry + Intercom module		•	•
Musical frequencies		•	•
Data base 1000 tests		•	•
W50 audiometry software		•	•



CLINICAL DIGITAL 2 CHANNELS PC AUDIOMETER

9.5x15.7x3 cm
260 g

TONAL-VOCAL
AUDIOMETER

MASKING

SISI

ABLB

DECAY TEST

• 33605 AUDIOLAB AUDIOMETER

All the technologies of a digital 2 channels clinical audiometer in only 250 g. You can perform audiometry test directly on your PC display, save on your database and print when necessary. PC not included. Made in Italy.

STANDARD ACCESSORIES

Head phone TDH 49
Radio EAR B.71 bone vibrator
Pat response

USB cable
CD with software
Operating manual

You can easily overlap an existing audiogram to a previously selected one from the relative list

TECHNICAL SPECIFICATIONS

Clinical audiometer two channels (EN 60645-1)
Type 1 A-E (EN 60645-1 - EN 60645-2) - Type 2 A-E (ANSI S 3.6)
Number of channels: 2, identical and independent
Output AC R - AC L - AC R+L - BC R-L - FF R - FF L - FF R+L
Masking contralateral with AC, BC, FF
Pure tone freq. AC: 125 - 8.000 Hz, BC: 250 - 8.000 Hz, FF: 125 - 8.000 Hz
Intensity range (1.000 Hz) - 10 + 120 dB HI

Maximum output level

Transducer	PURE TONE 1,000 Hz			
	TDH49	ER3A	B71	FF
Db HL	120	115	75	100
NBM	95	95	-	95

Speech Audiometry

Transducer	TDH49	ER3A	B71	FF
Db HL	100	100	-	100
NBM	95	95	-	95

Vocal material

- List of the words installed into internal flash memory
- CH1 - CH2 independent inputs, CD1, CD2 two separate VU-Meters, masking noise SM and WM.

Signal mode

- Normal ON - Normal OFF • Continuous - pulsed
- Warble - frequency modulated ± 5% rate 5 Hz
- ABLB • SISI with increment 1-2-3-4-5 dB. • DECAY TEST • BEKESY
- PAT RESPONSE • TALK - BACK • TALK - FORWARD
- Digital output for control Peep-Show

Accuracy

- Resolution 16 Bit
- Precision ± 50 ppm
- Stability ± 100 ppm
- Distorsion < 1%
- Ratio signal/noise > 100dB
- Power supply: USB port

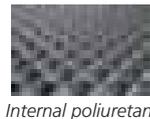
PC system requirements

Microsoft Windows XP, Vista Made in Italy

AUDIOMETRIC BOOTHS



28 dB



Internal poliuretano

33650 +
33651



32 dB



45 dB

- 33650 PRO 25 - 91X91X193 cm
 - 33651 TABLE 79X50 cm
- Portable, compact, model, easy to install in few minutes without screws. Made in plastic laminate, with internal autoextinguishing, polyurethane, insulating panels. Module for cable connection.

ACOUSTIC INSULATION						
Herz	125	250	500	1000	2000	4000
PRO 25 dB	18,0	16,0	26,7	30,8	28,8	30,9
PRO 30 dB	23,4	24,1	27,8	34,5	31,3	36,4
PRO 45 dB	20,0	33,5	36,3	42,5	42,1	50,4

- 33654 PRO 30 - 106X106X218 cm
 - 33655 PRO 30 - 209X106X218 cm
 - 33656 PRO 30 - 209X209X218 cm
 - 33657 PRO 30 - size on request
 - 33651 TABLE 79X50 cm
- Range with different sizes, with high noise reduction and internal ventilation system. Made in aluminium and laminate with internal fire-proof, polieuretano insulating panels. Available with 60 or 90 cm doors. Module for cable connection. Made in Italy.

- 33660 PRO 45 - 216X216X220 cm
 - 33661 PRO 45 - 318x216x220 cm
 - 33662 PRO 45 - size on request
 - available any size from 1x1 to 6x6
 - 33651 TABLE 79X50 cm
 - 33652 RAMPS couple for disabled people
- Top of the range, with vast selection of sizes, up to 6x6 m, with excellent noise reduction (-45 dB) and internal ventilation system. Made in aluminium and laminate with fire-proof polyurethane insulating panels. Available with large door 90 cm and module for cable connection. Made in Italy

	TECHNICAL SPECIFICATIONS			
	33650	33654	33655	33656
External size (cm):	91x91x193h	106x106x218h	209x106x218h	209x209x218h
Internal size (cm):	85x85x186h	94x94x202h	197x94x202h	197x197x202h
Door size cm:	55x168h	60x200h	90x200h	90x200h
opening:	Left/Right	Right*		Right*
Windows size cm:	58,5x58,5	58,5x58,5		42,5x62,5
material:	2 - crystal insulating safety glass			
Wall thickness cm:	5	7,5	7,5	7,5
Weight (kg):	150	230	364	540
Ventilation:	no	yes	yes	yes
Tested noise reduction dB:	28	32	32	32
Internal illumination power V:	220	220	220	220
Norms:	Class Medical Devices European Directive 93/42 CEE			



Cable connection module

STANDARD ACCESSORIES

- Module for silent audiometer cable connection
- Internal illumination
- Ventilation system (PRO 30, PRO 45 only)
- Wooden box for transport
- Manual: English, Italian

*Left opening available on request

PEAK FLOW METERS: DIGITAL AND MECHANICAL



- 33435 PIKO-1 - digital peak flow meter
- 33444 PIKO-6 - digital peak flow meter
- 33436 PC DOWNLOAD DEVICE + software
- 33437 MOUTHPIECES - box of 10 pcs

PiKo-1™ is the world's first pocket sized electronic peak flow and FEV₁ meter. The new PIKO-6™ in addition to FEV₁, measures FEV₆ and FEV₁/FEV₆. Sophisticated features include automatic test quality alerts and electronic data storage of 96 tests. Data can be reviewed via a single operating button, eliminating the errors associated with paper diaries. Prices compare to mechanical peak flow meters.

PiKoNET software. All tests can be easily downloaded for tracking and trending. Results can be saved in pdf format.

TECHNICAL SPECIFICATION

PEF:	Range 15 - 999 L/min (1 L/min resolution)
FEV ₁ FEV ₆ :	Range 0.15 - 9.99 Litre (0.01 Litre resolution)
Accuracy:	PEF: ±5% or 20 L/min (whichever is greater) FEV ₁ : ±3.5% or 0.1 Litre (whichever is greater) FEV ₆ : ±4% or 0.1 Litre (whichever is greater)
Sensor:	Pressure/flow sensor technology (patented)
Non-volatile Memory:	96 patient test scores
Colour zone:	3 colour zone (green, yellow, red)
Reference values:	User settable
Quality factor:	Warning & indicator for cough or abnormal blow
Communication:	Bi-directional IR port (RS232 format)
Dimensions-Weight:	75x35x20 mm - 35 g



- 33431 POCKET PEAK - standard 60-800 l/min - cream
- 33433 POCKET PEAK - low 50-400 l/min - yellow

The Pocketpeak Peak Flow Meter is designed to provide simple and reliable home asthma management.

Lightweight and easy to use, it provides accurate and reliable measurements time and time again.

It is easy to clean and features a universal mouthpiece.

The EU/ATS Scale Pocket peaks will not only comply with the new European Standards but also with ATS (American Thoracic Society) Standards.

Standards range pocket peak will cover 60-800 litres/min, low range will cover 50/400 litres/min.

Package includes multilingual directions for use and peak flow diary, all packed in a cardboard box. Made in UK.

Size 86 x 81 x 30 mm.

Weight 45 g. Standards: EN 13826:2003

- 33432 UNIVERSAL MOUTHPIECES - re-usable

In plastic, sterilizable, suitable both for adults and children.

- 33410 DISPOSABLE MOUTHPIECES - box of 500

LUNG EXERCISE DEVICE



- 33445 TRI-BALL® - respiratory exerciser

The respiratory-exerciser Tri-Ball® helps the patient to recover the normal respiration after a chest or abdominal surgery. Visible incorporated label allows fast identification of the patient who owns the set.

Economical: as it is a small size product, it allows, without altering its function, to save maintenance and storage costs.

Hygienic: Differing from other respiratory exercisers, Tri-ball® incorporates a container to place the mouthpiece after being washed. This container has a lower aperture to drain the spared cleaning water drops. In this way we get a total protection of the mouthpiece after using the exerciser. User manual in English, French, German, Italian, Spanish.

AEROSOL HOLDING CHAMBER



- 33438 POCKET CHAMBER

Now you can manage your asthma conveniently and effectively with a truly pocket-sized device, proven as effective as MDI chambers nearly twice its size.

The Pocket Chamber delivers a high concentration of respirable aerosol, to help provide relief from asthma symptoms while capturing large particles and reducing unwanted side-effects.

- Whistle alerts patients if inspiratory rate is exceeded
- Effective, affordable alternative to expensive aerosol delivery
- Flexible port accepts virtually any MDI's mouthpiece

TECHNICAL SPECIFICATION

Size: 108 x 47.5 mm	Volume: 110 ml
Mouthpiece: 22mm OD	Weight: 33 g
Materials: All Latex Free Silicone	Warranty: One year
User Manual: in English, Spanish, French, German, Italian, Dutch, Portuguese, Turkish and Greek.	Made in UK

SPIROBANK II - PORTABLE SPIROMETER WITH SPO₂ OPTION

- **33511 SPIROBANK II + WINSPIROPRO SOFTWARE**
Spirometer with 6,000 spirometry test memory capacity, with possibility to insert patient name, Bluetooth® connection to HP printer
- Internal temperature sensor for automatic BTPS conversion
- High resolution/high visibility graphic display
- Patient identification by name or ID code
- Automatically records the best 3 trials
- USB cable, carrying case and software included
- **33513 SPIROBANK II + SOFTWARE + OXYMETER**
same as above with Oximeter with 1,000 hours (40 days) oximetry recording, for measuring and saving into PC of:
- Short or long term (overnight) SpO₂ and Pulse Rate measurements
- ODI, NOD, T90%, T89%; T88% and T87% calculation
- Sleep apnea detection with desaturation events recording
- Walk Test (6MWT) with SpO₂ and Pulse Rate analysis
- 24 hours holter test
- SpO₂ range: 0-99%, Pulse Rate range: 30-254 BPM
- **33525 ANTIBACTERIAL FILTER - box of 50 disposable**
- **33507 DISPOSABLE TURBINE - box of 100**

- Winspiropro software functions:**
- On-line PC connection with icon interface
 - Real time Flow/Volume and Volume/time curves
 - Bronchial challenge with FEV1 dose-response
 - Paediatric incentive animations
 - Integration with EPR systems
 - Lung age estimation
 - Data and graphs export also via E-mail



FDA Approved



33513

PC system requirements:
Windows 2000, ME, XP,
98 (2nd edition), Vista

TECHNICAL SPECIFICATIONS

Measured parameters:
FVC, FEV1, FEV1/FVC%, FEV6, FEV1/FEV6%, FEV3, FEV3/FVC%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, FIVC, FIV1, FIV1/FIVC%, PIF, *FVC, *FEV1, *PEF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rvf, ti, te, ti/t-tot, VT/ti, MVV (* Best value)
No calibration required
PRE-POST bronchodilator comparison
Spirometry interpretation with test quality assurance

Flow sensor: bi-directional digital turbine
Flow range: ± 16 L/s
Volume accuracy: ± 3% or 50 ml
Flow accuracy: ± 5% or 200 ml/s
Dynamic resistance at 12 L/s: <0.5 cmH₂O L/s
Connectivity and data transmission: USB, Bluetooth®, wireless internal modem for acoustic coupling to telephone (telemedicine applications),
Power Supply: 4 x 1.5 V, AAA battery

SPIROBANK WITH SOFTWARE



Size: 162x49x32 mm
only 180 g including
battery



ATS
STANDARD

Graphic display
(128x48 pixels) with
friendly icons

FDA Approved

33510



- **33510 SPIROBANK**
Complete and rapid pocket spirometer for the General Practitioner to carry out spirometry testing anywhere.
- Turbine sensor simple to clean.
- No calibration required, can use disposable turbine.**
- Measures the most important spirometric parameters including **FVC, FEV1, FEV1%, PEF, FEF25-75, FET**
- Automatic interpretation with traffic light indication
- Best test selected and saved in memory
- Measured parameters compared to predicted values
- Provided with USB cable and simple software for data download and printing only
- Selectable display language (English, Spanish, French, German, Italian)
- SPIROBANK is supplied in a carrying bag with spare mouthpieces.
- **33410 MOUTHPIECES int. Ø 2.8 x ext. Ø 3, h 6.5 cm**
- **33507 DISPOSABLE TURBINE - box of 100**

TECHNICAL SPECIFICATION

Flow sensor: Turbine with infrared interruption
Power supply: 9V DC PP3 battery
Test duration: Maximum 60 s
Flow range: + 16 l/s
Flow accuracy: ± 5% or 200 ml/s whichever is greater
Max volume: 10 l - Volume accuracy: ± 3% or 50 ml whichever is greater
Made in Italy

SPIROBANK G WITH SOFTWARE



WITH BLUETOOTH



Graphic display
(128x48 pixels) with user friendly icons

33518



FDA Approved

- **33518 SPIROBANK G + WINSPIROPRO software**
- Stand alone spirometer with PC online operation
- 6000 spirometry in memory
- High legibility graphic display
- FVC, VC, IVC, MVV, PRE-POST BD
- Advanced spirometry test interpretation
- Lung age estimation
- Direct printer connection via Bluetooth® or USB
- Ready for **Telemedicine** applications
- Internal temperature sensor for automatic BTPS
- Upgradable internal software via internet
- Standard package includes USB cable, carrying bag, noseclip, battery and software.

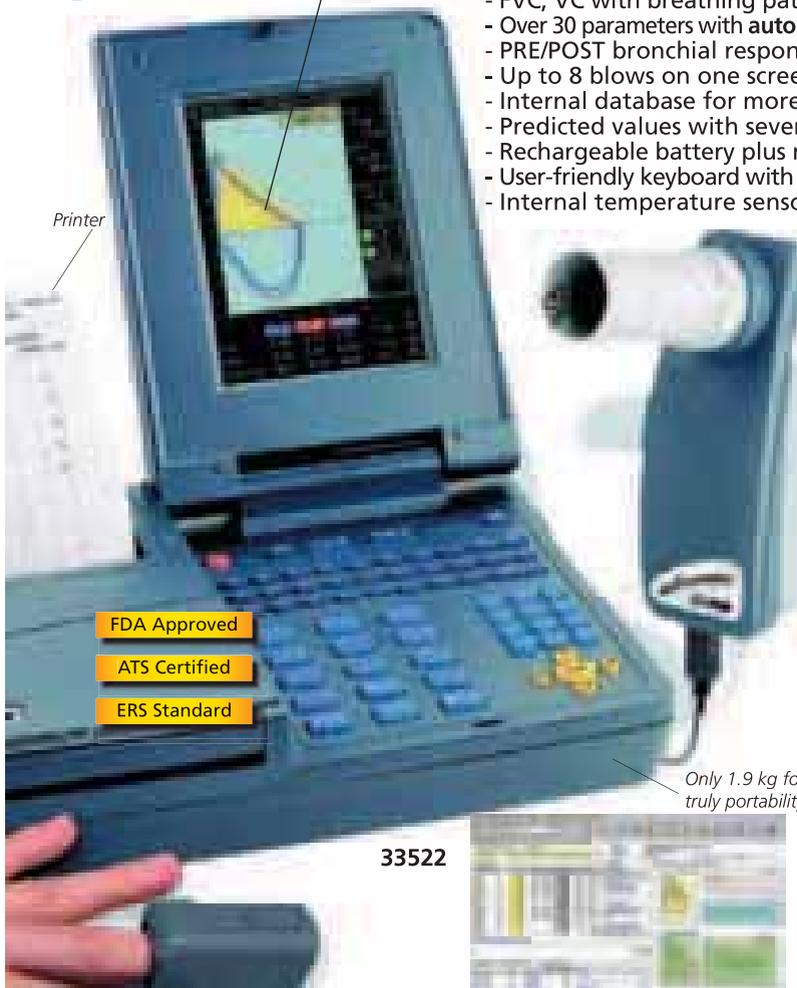
TECHNICAL SPECIFICATION

Measured parameters: FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, Lung Age, FIVC, FIV1, FIV1/FIVC%, PIF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV
Temperature sensor: semiconductor (0-45 °C)
Flow sensor: bi-directional digital turbine
Max volume: 10 l
Flow range: ± 16 l/s
Volume accuracy: ± 3% or 50 ml, whichever is greater
Flow accuracy: ± 5% or 200 ml/s, whichever is greater
Dynamic resistance at 12 l/s: <0.5 cm H₂O/l/s
Power supply: 9V DC (PP3 battery)
Weight: 180 g (with battery)
Dimensions: 162x49x32 mm
Made in Italy
WinspiroPRO PC system requirements
- Microsoft Windows: Vista, 2000, XP, Me, 98 (2nd Ed.)
- Screen resolution: 1024x768
- Hard disk space: 160 MB

SPIROLAB III - DIAGNOSTIC SPIROMETER WITH SPO₂ OPTION



LCD Colour display
240x320 pixel,
size 90x120 mm



Printer

- FDA Approved
- ATS Certified
- ERS Standard

Only 1.9 kg for truly portability

33522



Quality spirometry, precise measurement
The proven MIR digital turbine flow sensor requires **no calibration** and complies with ATS 24/26 waveforms.
Certified by Dr. Crapo at LDS Hospital, Salt Lake City - Utah

Winspiropro software included

- 33521 SPIROLAB III - diagnostic spirometer with high resolution colour display, built-in printer and PC WINSPIROPRO software
- 33522 SPIROLAB III same as 33521 with SpO₂ functions

A really complete spirometry system:

- FVC, VC with breathing pattern plus MVV tests with real time curves
- Over 30 parameters with **automatic interpretation** and test quality control
- PRE/POST bronchial response protocol with F/V loop comparison
- Up to 8 blows on one screen
- Internal database for more than 6,000 complete tests
- Predicted values with several sets of authors
- Rechargeable battery plus mains power 100-240 V, 50-60 Hz
- User-friendly keyboard with dedicated function keys plus alphanumeric data entry
- Internal temperature sensor for automatic BTPS conversion

PEDIATRIC INCENTIVE SYSTEM

HIGH DEFINITION LCD

DATABASE FOR 6,000 TESTS

USB+BLUETOOTH

- Free upgradable internal software from web, maintaining previously stored data
- Selectable multilanguage internal software (English, Italian, French, German), possibility to download through internet Spanish, Portuguese, Turkish and other languages

Finger Oximeter (33522 only)

- Short or long term (overnight) SpO₂ and Pulse Rate measurements
- ODI, NOD, T90%, T89%, T88, T87%
- Sleep oximetry with desaturation events
- Oximetry during exercise test

33520 SPIROLAB II - with printer and software

- 33519 SPIROLAB II - with printer software and 10 disposable turbine. For use with disposable turbine only.
- 33410 ADULT MOUTHPIECES - Ø 3 cm ext - box of 500 pcs.
- 33492 THERMAL PAPER - 112 mm x 25 mm
- 33515 SpO₂ PROBE - adult - spare
- 33516 SpO₂ PROBE - paediatric
- 33517 DISPOSABLE SpO₂ PROBE - neonatal - box of 10 pcs.
- 33525 ANTIBACTERIAL FILTER - disposable - box of 50 pcs.
- 33507 DISPOSABLE TURBINE - box of 100 pcs.

STANDARD ACCESSORIES

Carrying case	Software Winspiro PRO
Battery charger	USB port and cable
1 roll thermal paper	Nose clip

TECHNICAL SPECIFICATIONS 33521-33522

Flow/volume range:	± 16 L/s
Volume accuracy:	±3% or 50 ml
Flow accuracy:	±5% or 200 ml/s
Dynamic resistance:	<0.8 cm H ₂ O/l/s
Dimensions:	310 x 205 x 65 mm
Parameters:	FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, *FVC, *FEV1, *PEF, PIF, FIVC, FIV1, FIV1/FIVC%, VC, IVC, ERV, IC, FEV1/VC%, VT, VE, Rf, Ti, Te, Ti/T-tot, VT/Ti, MVV *: Best value
PC System requirements:	Windows 2000, ME, XP, 98 (2 nd edition), Vista.
Made in Italy.	

MINISPIR: PC SPIROMETER

- 33530 MINISPIR with software

PC based USB Spirometer (PC not included). Plugs directly into the USB socket of your PC, no need of batteries or other connections.

Provided of internal temperature sensor for automatic BTPS conversion.

Measured parameters: FVC, FEV1, FEV1/FVC%, FEV3, FEV3/FVC%, FEV6, FEV1/FEV6%, PEF, FEF25%, FEF50%, FEF75%, FEF25-75%, FET, Vext, FIVC, FIV1, FIV1/FIVC%, PIF,*FVC,*FEV1, *PEF, VC, IVC, IC, ERV, FEV1/VC%, VT, VE, Rf, ti, te, ti/t-tot, VT/ti, MVV best values

WinspiroPRO PC software:

On line PC connection with simple to use icon-based interface. Flow/Volume and volume/time curve shown in real time on PC. Lung age estimation. PRE-POST bronchodilator comparison. Bronchial challenge test with FEV1 dose response curve. Spirometry interpretation with test quality assurance. Includes a series of user-selectable and amusing paediatric incentive animations. Powerful database facilities. Printout with complete spirometry report. Data and graphs export also via e-mail.

- 33410 ADULT MOUTHPIECES - Ø 3 cm ext - box of 500 pcs.

PC SYSTEM REQUIREMENTS
Microsoft Windows: 2000, ME, XP, 98 (2 nd ed.) Vista
Screen resolution: 1024x768
Hard disk: 160 MB
USB socket available

TECHNICAL SPECIFICATIONS
Size: 52x128x26 mm
Weight: 70 g
Flow range: ± 16 l/s
Volume accuracy: ± 3% or 50 ml
Flow accuracy: ± 5% or 200 ml/s



STANDARD
ATS

FDA Approved

Supplied with
USB cable,
carrying case,
winspiroPRO
software

Made in Italy

33530

GIMASPIR 120 - SPIROMETERS

- 33484 GIMASPIR 120A - Turbine type
- 33485 GIMASPIR 120B - Turbine type
- 33486 GIMASPIR 120C - Fleisch type
- 33487 GIMASPIR 120D - Fleisch type

GIMASPIR 120 spirometers have different types of transducers (Fleisch or Turbine), a wide liquid crystal back-lit screen and an internal or external printer. They can incorporate a module for pulse oximetry measurement (SpO₂). Optional software allows connection to a computer in real or deferred time, in order to perform and store the spirometric tests, or to transfer information by other means. All the system is controlled by a microprocessor for the acquisition, calculation and display of alphanumeric and graphic data. Gimaspir comes complete with transducer (Fleisch or Turbine type), 100 disposable mouthpieces, noseclip, 2 rolls of thermal paper, mains power supply, manual.

Internal software and manual in English/Italian. On request available in Spanish, French, Portuguese, German



TECHNICAL SPECIFICATION	GIMASPIR 120			
	A	B	C	D
Type of transducer	TURBINE	TURBINE	FLEISCH	FLEISCH
FVC, VC, MVV tests in PRE and POST bronchodilatation mode	•	•	•	•
Bronchoconstriction tests	•	•	•	•
Graphic superposition	•	•	•	•
Check-up programme	•	•	•	•
Graphic incentive for children	•	•	•	•
Configuration programme	•	•	•	•
Internal data base for graphics tests		150 tests	150 tests	500 tests
Internal printer	58 mm	112 mm	112 mm	112 mm
External printer connection	Option	Option	•	•
Data transfer via Internet with PC of:				
- Patients tests	•	•	•	•
- Check-up data	•	•	•	•
- Software upgrade	•	•	•	•
Tests exportation to other systems	•	•	•	-
Calibration for quality control or tests	•	•	•	•
SpO ₂ module	Option	Option	Option	Option
Software under Windows to work with PC	Option	Option	Option	Option
Measuring range: Flow from 0 to ± 16 l/s; volume from 0 to 10 l				
Flow-Volume accuracy: 5% or 200ml/s - 3% or 50 ml whichever greater (ATS, ERS)				
Flow resistance: <0.06 kPa/l/s at 14 l/s (ATS, ERS)				
Resistance at 14 l/s: Turbine ≤ 0.125 KPa/l/s Fleisch ≤ 0.095 KPa/l/s				
Display: Liquid Crystal Display; 320x240 pixels, Area of 120x90 mm				
Data input: Alphanumeric membrane keyboard				
Maximum duration and number of manoeuvres: FVC, 25s (5 curves); VC, 45s (5 curves); MVV, 15s (5 curves)				
Safety standards: IEC 601.1 (EN60601.1), UNE 20-613, IEC 601.1.1 (EN601.1.1)				
Power supply: 200-240 V 50/60 Hz (other voltage on demand)				
Power 25 VA (aprox.)	Made in Europe			



Dimensions: 210x297x95 mm
Weight: 1.7 Kg

Code 33488 optional software English Italian - French Spanish selectable

GIMA code	ACCESSORIES FOR SPIROMETERS	Compatibility of accessories			
		Gimaspir 120			
		A	B	C	D
27139	Carrying Bag	•	•	•	•
33488	Software Gimaspir 120	•	•	•	•
33489	Turbine transducer - (2) - spare	•	•		
33490	Fleisch transducer - (1) - spare			•	•
33491	Thermal paper - 58 mm	•			
33492	Thermal paper - 112 mm		•	•	•
33506	Adult mouthpieces - Ø 28 ext x 65 mm	•	•	•	•
33494	Pediatric mouthpieces - Ø21ext x 70 mm	•	•	**	**
33495	Adaptor for pediatric mouthpiece			•	•
33496	SpO ₂ pulse oximetry module*	•	•	•	•
33497	Bronchoconstriction tests*	•	•	•	•
33498	Int. database for 500 tests w. graphics*	•	•	•	•
33499	Pmax - Pmax module*	•	•	•	•
33500	Battery	•	•	•	•
33505	Calibration syringe 3 l	•	•	•	•

*If ordered separately, please indicate serial number of equipment, necessary to have access password ** On request

DISPOSABLE TURBINE FOR MIR SPIROMETERS

- 33507 DISPOSABLE TURBINE - box of 100

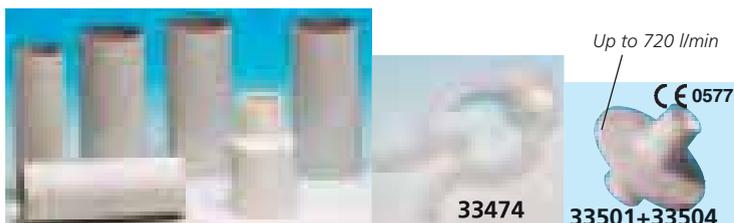
For single patient use. Low cost and high accuracy. Individually packed to guarantee maximum hygiene. Easy to replace, no calibration needed. Compatible with GIMA codes: 33510, 33511, 33518, 33521, 33522 and 33530.



MOUTHPIECES AND NOSECLIP FOR MOST SPIROMETERS

Paper mouthpieces (disposable) and plastic mouthpieces (re-usable) suitable for most brands of spirometers and peak flow, as Cosmed, Fukuda, Ferraris, Micromedical, Mir, Multispiro, Sibel, Vitalograph, ...

- 33501 BACTERIAL VIRAL FILTER FOR GIMASPIR - reusable
- 33504 MEMBRANE FOR BACTERIAL FILTER - disposable - box of 50
- 33474 NOSE CLIP
- 33893 COSMED PONY PAPER - roll 57mm x 10m- box of 5 rolls
- 33894 COSMED PONY FX PAPER - roll 112 mm x 13m- box of 5 rolls



GIMA MOUTHPIECES				
GIMA code	Material	Sizes - cm Ø int x ext x h	To be used with codes	Compatible with
33410	paper	2.8x3x6.5 adult	33401/03/04/31/33/71, 33511/3, 33520/1 33530	Micromedical Vitalograph Mir
33411*	paper	2.0x2.2x6 paediatric	33401/3/4, 33511/3 33520/1	Micromedical Vitalograph Mir
33412	Plastic adapter		33411	-
33506	paper	2.6x2.8x6.5	33484, 33485, 33486 33487, 33480, 33510	Sibel
33494	paper	1.9x2.1x7	33486, 33487	Sibel
33890	paper	2.5x2.7x7	-	Fukuda
33892	paper	2.8x3.05x7	-	Cosmed (Pony model)
33432	plastic	1.7x2.1x5 2.7x3x5	33431, 33433	Ferraris

* Need adapter 33412

3 AND 6-12 CHANNEL DIGITAL ECG WITH HIGH RESOLUTION MONITOR

33334

33350

WITH INTERPRETATION



3 YEARS WARRANTY made in Italy

Portable with small dimensions and light weight

Large, high resolution backlight Display: LCD 320 x 240 dots.

- 33334 CARDIOGIMA 3M - 1-3 ch. with interpretation
- 33350 CARDIOGIMA 6M - 3-6-12 ch. with interpretation (monitor 3-6 channels, printer 3-6-12 channels)
- LCD monitor in Standard or Cabrera format with base line setting
- High resolution thermal printer (8 dots/mm): hardcopy 1-3 or 3-6-12 channels real time with possibility to print a millimetric grid
- Manual or automatic recording
- Image freeze with memory scrolling for reviewing and hard copy of acquired signals (Memory 10 seconds for each lead)
- Digital filters for elimination of muscle tremors, power line and base line noises.
- Pacemaker detection
- Power supply by built-in high capacity Ni-Cd batteries and fast charging time

- Very simple operation by pre-defined fast keys and menus
- Based on a risk processor for a full digital signal processing
- Made in Italy.

STANDARD ACCESSORIES 3M AND 6M

Patient cable	6 chest limb electrodes
4 limb electrodes	1 roll of paper
Manual (English, Italian)	1 bottle of gel
Rapid guide: English, Spanish, Italian	

GIMA code	CARDIOGIMA ACCESSORIES	Minimum order
27139	Transport bag (see at page 31)	-
33338	Thermal paper 58 mm x 25 m (Cardiogima 3M)	10 rolls
33352	Thermal paper 112mm x 23m (Cardiogima 6M)	10 rolls
33328	ECG cable - spare	-

TECHNICAL SPECIFICATIONS CARDIOGIMA 3M AND 6M

Power supply: internal rechargeable ni-cd batteries
 Operating Voltage: 220V ±10%; 50 - 60Hz; 150mA (110V-60Hz on request)
 Battery autonomy: 2.5 hours
 Applied part: CF type
 Input impedance: > 100 Mohm
 Frequency response: 0.05: 145Hz
 Cmmr: > 91 dB (3M) 100 dB (6M) Time constant: > 3.2 s
 Acquisition: 12 bit 800 samples/sec/channel-isochrome
 Leads: 12 standard or Cabrera

Sensitivity: 5mm/mV; 10mm/mV; 20mm/mV ±5%
 Scrolling speed: 5mm/s; 10mm/s; 25mm/s; 50mm/s
 Signal memory: 10s for each lead
 Printer: thermal printer 8 dots/mm, paper 58 mm (3M) 110 mm (6M).
 Filters: muscles tremors 35Hz digital; power line interferences 50-60Hz digital; high pass 0.5Hz digital
 Defibrillation protection: internal
 Display/Hardcopy: 1/3 channel (3M) 3/6/12 channel (6M)
 Dimensions: 240 x 160 x 65 mm. Weight: 1.5 kg. Made in Italy

CARDIOGIMA 1M - 1/3 CHANNEL ECG WITH PARAMETERS CALCULATION



33329

3 YEARS WARRANTY made in Italy

- 33329 CARDIOGIMA 1 M - 1-3 channel ECG with monitor
- A real portable ECG with small dimension and light weight, with LCD monitor 128x64 pixel, high resolution thermal printer (8 dots /mm hardcopy, 1 channel real time) and parameters calculation. With manual or automatic recording, memory 10 seconds for each lead. Includes digital filters for elimination of muscles tremors, power line and base line noises. Based on a risk processor for a fully digital signal processing. Made in Italy.
- 33338 THERMAL PAPER 58 mm x 25 m
- 33328 ECG CABLE - spare

STANDARD ACCESSORIES

Patient cable	1 roll of paper
1 bottle of gel	4 limb electrodes
Manual (English, Italian)	6 chest limb electrodes
Rapid guide: English, French, Spanish, Italian	

TECHNICAL SPECIFICATIONS

Power supply: internal rechargeable ni-cd batteries
 Operating voltage: 220V ±10%; 50 - 60Hz; 150mA max (110V - 60 Hz on request)
 Battery autonomy: 3 hours
 Applied part: CF type
 Input impedance: > 100 Mohm
 Frequency response: 0.05: 145Hz

Cmmr: > 100 dB time constant: > 3.2 s
 Acquisition: 12 bit 800 samples/sec/channel
 Leads: 12 standard or Cabrera
 Sensitivity: 5mm/mV; 10mm/mV; 20mm/mV ±5%
 Scrolling speed: 5mm/s; 10mm/s; 25mm/s; 50mm/s
 Signal memory: 10 sec for each lead
 Printer: thermal printer 8 dots/mm, paper 58 mm.

Defibrillation protection: internal
 Filters: muscles tremors 35Hz digital; power line interferences 50-60Hz digital; high pass 0.5Hz digital
 Dimensions: 190 x 120 x 60 mm. Weight: 1 Kg.
 Conformity standards: 93/42/CEE; EN60601-1; EN60601-1-2; IEC601-2-25 Made in Italy

SMART SINGLE AND THREE CHANNEL ECG

33331



33332

Single and three channel with 12 channel display



PORTABLE ECG - 1 and 3 channel

- Complete digital design
 - Folding up LCD display waveforms, parameters configurable
 - High resolution thermal printing
 - Built-in rechargeable Li-ion battery, AC/DC supply
 - Complete digital filter, avoid baseline drift, AC, EMG interfere
 - Baseline automatic adjustable, optimize printing position
 - Auto/manual operation selectable
 - Lead-off detection and display
- Three channel ECG also features**
- 12 Lead simultaneous acquisition
 - Automatic ECG parameters measurement and analysis
 - Selectable printing format: Auto, manual, rhythm
 - Support USB ink-jet printer for 12 leads printing



TECHNICAL SPECIFICATIONS

	33331	33332
Input Circuit:	floating input circuit, protection from defibrillation and pace maker	
Lead :	Standard 12 leads	
Acquisition mode:	Single	12 leads simultaneously
Time constant:	> 3.2 s	
Sensitivity:	2.5, 5, 10, 20, mm/mV	
Input impedance:	> 10 MΩ	> 50 MΩ
Anti baseline drift:	Automatic	
Filter:	EMG Filter 35 Hz (-3 dB) AC/DFT Filter 50 Hz/60Hz (-20 dB)	EMG Filter 25Hz/35Hz/off DFT Filter 0.05/0.15 /0.25/0.5Hz Low pass filter 150Hz/100Hz/75Hz AC Filter 50 Hz/60Hz
CMRR:	>90dB	>100dB
Recording mode:	Auto/Manual	Auto/Manual/Rhythm
Rhythm lead:	Any lead selectable	
Safety standard:	IEC I/CF	
Power supply:	AC: 100V-115 V/220V-240V, 50/60 Hz Rechargeable Li-ion battery: voltage: switchable=14.4 V More than 3 hours continuously operation under battery supply	
Recorder:	Thermal printer	
Record paper:	50mmx30m	80mmx20 m
Paper speed:	25mm/s, 50 mm/s (± 3%)	5mm/s, 10mm/s, 12.5mm/s, 25mm/s
Dimension:	288mmx210mmx70mm	
Weight:	2.3 kg (with battery)	2.5 kg (with battery)
Display:	192x64 pixel LCD	320x240 pixels LCD (Wide screen)
Display language selectable	Eng - Ita	Eng - Ita - Spa - Fra - Russian
Interface:	RS232	Ethernet, RS232, USB

GIMA code	SMART ECG AND ACCESSORIES
33330	Smart SE-1 Single Channel ECG
33332	Smart SE-3 Three Channel ECG - interpretative
33336	ECG-Viewer Software (English and Italian)
33801	Thermal paper - roll 50mm x 25m for 33330 and 33305
33802	Thermal paper - roll 80mm x 25m for 33332/3 and 33306
33328	ECG cable - spare
33318	Rechargeable Lithium battery 600 mA H - spare

STANDARD ACCESSORIES

Patient cable	1 roll of paper
1 bottle of gel	4 limb electrodes
Manual: English, French, Spanish, Italian	6 chest limb electrodes
	Rechargeable battery

PALM ECG: CARDIO-A AND CARDIO-B - SINGLE CHANNEL

CE 1011



4 MEASUREMENT MODES: PALM, LEG, CHEST, TRADITIONAL

33261

GIMA code	PALM ECG AND ACCESSORIES
33260	CARDIO-A palm ECG
33261	CARDIO-B palm ECG
33265	ECG viewer software+USB cable - optional
33264	ECG lead cable - optional



33260

PALM ECG are designed for general practitioners or for domestic use for users who may suffer of cardiovascular diseases such as hypertension, coronary heart diseases, giving them the possibility of a daily ECG. Records can be saved and used as a reference for clinical applications.

4 measurement modes: on palm, on leg, on chest or lead wire traditional measurement.

Main features:

- small, portable and easy to use
- 30 second ECG waveform and measurement result
- 24 ECG waveform can be saved in memory
- Analysis and report of 8 types (CARDIO A) and 17 types (CARDIO B) of ECG waveform
- USB interface with option data cable and ECG viewer software
- Traditional measurement with optional ECG cable

TECHNICAL SPECIFICATIONS

	CARDIO A	CARDIO B
ECG bandwidth:	1 Hz - 40 Hz	
Heart rate measuring range:	30 - 240 bpm ± 2 bpm	
LCD back light display:	128x64 dot matrix	240x160 dot matrix
Display size:	49x25 mm	57,6x40mm
Power:	2XAAA batteries	
Dimensions	115x58x18mm	125x70x21,5mm
Weight	65g	106g

PC-ECG WITH INTERPRETATION SOFTWARE AND USB PORT

• 33320 PC-ECG + ECG LAB SOFTWARE

Innovative PC-ECG device that can be connected to your PC via USB port. No power cable is required as it is powered through the USB PC cable. The unit is supplied with a 10 banana plug ECG cable (length 350 cm) and a powerful interpretation software (English, Italian, Spanish)

Main software features:

- 12 lead resting ECG with interpretation
- Vector cardiograph (VCG) with interpretation
- Electronic ruler to measure ECG waves
- 3D VCG animation to diagnose myocardial infarction and difficult arrhythmia
- Database serial comparisons make it possible to study the changes of the disease of the same patient. Can print reports in B/W or colour
- Software can be done in any language - minimum order 3 pieces.

• 33328 ECG CABLE - SPARE

• 33321 PC-ECG+CARDIOLOGY SOFTWARE

Same as code 33320 but with the following specialist functions: Timed vector-cardiograph (TVCG), Frequency ECG (FCG, particular technique to detect ischemia and CAD), High Frequency ECG (HFECG), SAEKG (VLP) analysis (Signal Averaged ECG or Ventricular Late Potentials, time domain and 3D frequency domain), QTD analysis (QT dispersion) with chroma map, Heart Rate Variability (HRV) (time domain, 3D frequency domain, Lorenz poincare plots), Pacemaker analysis, Heart rate Turbulence (HRT, or VE chaos).

TECHNICAL SPECIFICATIONS

Communication port:	USB
Size:	196x143x30 mm - 550 g
Power source:	5V DC (from PC USB port)
Patient insulation:	4000 V AC
Defibrillation protection:	built in box
PC minimum requirements:	Windows 2000, XP and Vista CPU ≥ 1 GHz - HD ≥ 40 G - RAM ≥ 256 M

STANDARD ACCESSORIES

- 4 limb electrodes
- 6 chest electrodes
- Patient cable 8 leads
- USB pen driver
- CD software
- Ground cable
- Banana plug



FCG CAD gram to locate coronary artery disease and ischemia



3D-VCG tool to detect myocardia infarction



QT Dispersion QTD analysis with chroma map

Above 3 pictures refers to code 33321



CE 0197

Only 550 g

CARDIO XP 12 CHANNEL ECG WIRELESS OPTION

• 33303 CARDIO XP 12 CHANNEL ECG

• 33302 WIRELESS MODULE

High quality

- optional wireless patient module offers full freedom
- one-touch operation for analysis, storage and printing in 5 second
- ECG signal acquisition and interpretation of up to 12 leads for both adult and pediatric patients
- configurable report option for cardiologist
- multilanguage internal software (Eng-Ger-Rus-Ita-Spa-Fra-Chi-Kor)

User friendly

- Z-fold printer in A4 size prevent rolled paper problem
- versatile LCD mount support for rotation, tilt and wall mount
- 7 inch colour touch screen TFT (800x480) LCD monitor
- portable, lightweight design with rechargeable Li-ion battery (300 events)
- SD Card and USB port

Easy and fast typewriting by external USB keyboard (optional)

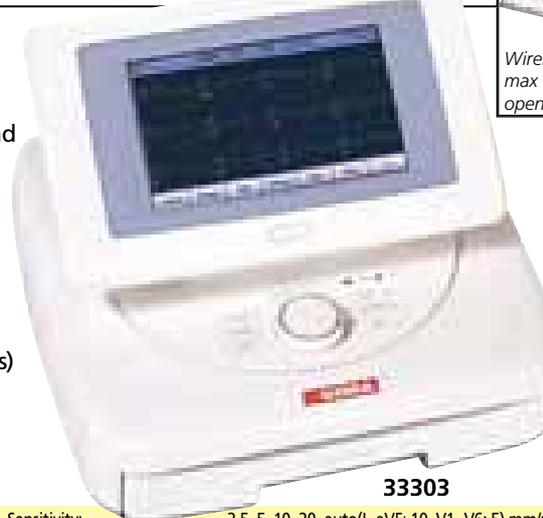
• 33803 THERMAL PAPER - box of 10 packs

• 33304 LI-ION BATTERY - 111 V - 4400 mAh - optional

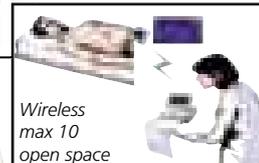
(capacity 3 hours - 300 ECG, charging time 8 hours)

TECHNICAL SPECIFICATIONS

ECG Acquisition:	Up to 12 leads for both adult and pediatric patients Base line drift, artifact, AC, and low and high pass frequency filters
ECG Memory and Transfer:	Storage memory for 120 ECGs, with easy transfer by LAN connection, SD card & USB memory
ECG Interpretation:	The cardiograph includes the 12-Lead algorithm for interpretive analysis of the amplitudes, durations and morphologies of ECG waveforms and associated rhythm for adult and pediatric patients This clinically proven interpretation program provides configurable levels of interpretive, reason and severity statements that are printed on the ECG report
User interface:	Touch screen (alphanumeric and symbol) Rotary push-knob(POP-UP menu)
Display:	800 x 480 pixel resolution. 7" Color TFT wide display 12 channels preview(3x4 or 6x2 channels)
Filters:	AC(50/60 Hz, -20dB or better) Muscle(25-35Hz, -3dB or better) Base line drift(0.1Hz, -3dB or better) Low pass filter(off, 40Hz, 100Hz, 150Hz)
Printer Resolution:	Thermal print head, Z-fold paper Report paper - width: A4(210mm) or Letter(8.5"), length: A4(300mm) or Letter(11") Resolution: 8dot/mm(0.125mm pitch)
Report Formats:	3 channels + 1 Rhythm, 3 channels + 3 Rhythm, 6 channels + 1 Rhythm, 12 channels Disclose (1 minute of continuous waveform data for 1 selected lead)



33303



Wireless max 10 open space



Optional wireless module

Sensitivity:	2.5, 5, 10, 20, auto(I-aVF: 10, V1-V6: 5) mm/m
Printing speed:	12.5, 25, 50 mm/sec
Patient data:	ID, name, age, birth, gender, height, weight, smoke, depart, race...
Basic measurement:	Heart rate, PR, QRS, QT/QTc, P-R-T axis
Battery Capacity (Li-Ion):	3 hour of normal use (approx. 300 ECG printouts) on 8 hours charge
ECG Storage:	Internal Storage for 120 ECGs built-in memory External Storage: SD Card or USB Memory
Time Constant:	3.2 sec
Input Impedance:	More than 10MΩ
CMRR:	Greater than 100dB
Line Power:	95 ~ 240 VAC, 50/60Hz, 60 VA max
Dimensions:	299 x 298 x 123 mm (11.8 x 11.7 x 4.8 inch)
Weight:	4.5 kg (9.9 lb)
Out Interface:	USB 1 : Host (Memory) SD card slot : SD card (memory) USB 2 : Host (Keyboard, printer) Serial port 1 / 2 : RS-232C (Patient Module, Spirometer, Wireless Pack) Ethernet : LAN (S/W Upgrade, Patient Information trans/receive) VGA : External Monitor (Holter, Stress System)

STANDARD ACCESSORIES

- | | |
|---------------------------------|--------------------------|
| 1 PC software (English/Italian) | 4 ECG clip-on electrodes |
| 1 Patient cable - 10 leads | 6 Chest electrodes, |
| 1 Power cable | 1 Paper pack |
| Manual English/Italian | |

MULTI CHANNEL ECG WITH INTERPRETATION ON PAPER



FDA Approved

**ENHANCED MEMORY FUNCTION
SAVE UP TO 120 PATIENTS' DATA**



33354

**SOFTWARE INCLUDED FOR
DATA STORAGE ON PC**

33355

Wide and clear colour TFT LCD touch screen monitor display 12 ch. preview ECG wave

33356

- **33354 CARDIOGIMA 12 ECG - 3-6-12 channel**
- **33355 CARDIOGIMA 12 M ECG - 3-6-12 channel with monitor**

We propose two models of 12 channel resting ECG recorder which are the most economically priced without performance compromise. The simultaneous record of 12 channels has a high diagnostic value - all the 12 channels are illustrated at the same time. Their design is maximized for the user's convenience (A4 size paper, one body type).
Main Features:

- 12 leads simultaneous 10-second resting ECG with interpretation in only 60 seconds (33355 in **only 5 seconds**) multilanguage, internal software+printing in English, Spanish, French, German, Russian, Italian, Chinese and Turkish.
- Wide Paper Printing (A4 size thermal paper, fax paper is OK)
- Combined output of all relevant curves, patient data, date, time and instrument settings
- Pacemaker and lead fault detect (only 33355)

- PC Connections

Connection to PC (PC interface with RS 232 port Via LAN-software included) and submit already recorded ECG signal to other specialist for evaluation (only a modem is needed)

- ECG filing system "ECG Plus"

A fully configured PC-based filing system enables to record ECG signals, display them in real time, print and record them.

- Rechargeable batteries available (optional) with 1 hour capacity in normal use (about 100 ECG printouts)

STANDARD ACCESSORIES

- | | |
|---------------------------------------|--------------------------------------|
| 1 PC software (English/Italian) | 1 ECG electrode cream (70 g) |
| 1 LAN cable | 1 Power cable |
| 1 Patient cable - 10 leads | 1 Recording paper rolls |
| 4 ECG clip-on electrodes | 1 Operation manual (English/Italian) |
| 6 Chest electrodes, suction for adult | |



GIMA code CARDIOGIMA 12 AND 12M ACCESSORIES

29534	Rechargeable battery - for 33354/33355	
33358	Thermal paper A4 - for 33355	33355
33328	ECG cable for 33354-5	
29519	Trolley for 33354-5	29519



- **33356 SPIROMETER MODULE - for code 33355**

It transforms CARDIOGIMA 12M in a 2 in 1 system: ECG-SPIROMETER. Spirometry measuring values:
FVC: FEV 1.0, FEV 1/FVC, FEV 0.2-1.2L, FIVC, FEV 25-75, FEV 75-85%, PEF, FEV 200-1200 ml, FEV 25%, FEV 50%, FEV 75%, FIF 50%, PIF, FET 100%, FIVC.
SVC: SVC, ERV, IRV, TV, EC, IC, BC
MVV: RR, TV, MVV
 Pre and post bronchodilator comparison.
 Presentation: flow volume loop, flow time plot, measurement values table. Complies with ATS standard.

• 33362 DISPOSABLE MOUTHPIECES - box of 100 pcs.

TECHNICAL SPECIFICATIONS 33354 - 33355

ECG Leads:	3-6-12 channel illustration of ECG signals in continuous recording or 10 sec. recording with interpretation.
Dimension:	296x305,5x92,5 mm Approx 3 kg
Recording channel:	3, 6, 12 channel and 1 channel (60 sec.) Sensitivity: 2,5 (only 33355) 5, 10, 20, auto (I-aVF: 10, W1-V6: 5) mm/mV
Printing speed:	12,5; 25; 50 mm/s
Filters:	AC (50/60 Hz, -20 dB or better) Muscle (25-35 Hz, -3 dB or better) Low pass filter (off, 40 Hz, 100 Hz, 150 Hz)
Display:	2x16 character LCD display (code 33354) 480x272 colour TFT LCD display (3 and 12 channel preview) (code 33355)
LCD display:	Sensitivity, speed filter status, HR, Printing form, rhythm lead
LED indicator:	signal quality, power source, battery
Patient data:	Keyboard: Membrane keyboard, alphanumeric and symbol available ID, name, age, sex, height, weight
Basic measurement:	Heart rate, PR, QRS, QT/QTc, P-R-T axis Recorder: Thermal print head, thermal paper roll Report papers: width: A4: 210 mm or 8.5", length A4: 300 mm or 11" Resolution: vertical: 8 dots/mm, horizontal: 16 dots/mm
Electrical:	Internal noise: 20µV (p-p) max Input circuit: floating input Isolated and defibrillation protected DC offset voltage: ≥ 500 mV Patient leakage current: < 10µA Frequency response 0,05-150 Hz
Power:	Power supply: AC or built-in battery (options) Power requirement: 100-240 Vac, 50/60 Hz, 1.0-0.5 A Power consumption: 60 W max
Battery capacity:	1 hour of normal use (approx. 100 automatic ECG printouts)
Communication:	PC Connection with RS-232 interface and lan
Safety:	Class I, Type BF
Conformity:	CE, CSA

Made in Korea

ECG CABLE COMPATIBLE WITH MOST ECG BRANDS

• 33328 ECG cable

compatible with the following ECG machines:

BIONET: Cardiocare, Cardiotouch

CARDIOLINE: E1, E1R, E3, Delta 300, Delta 360 C3.

CARDIETTE (Elettronica Trentina): Autoruler 12/1, Autoruler 12/3, Excel 103, Excel 106, Astron Comp 1, Astron Comp 3, Astron Comp 6, Start 100 P, Start 100 H, Start 200, Start 200HV, AR600, AR 600

ADV, AR1200, AR1200, ADV.

CARDIORAPID CAMINA: K111, K112, K33, K36, K300 M, K300 P, K600 P, K600 D, K130 B, K 130 D.

EDAN: Smart SE-1, SE-3

ESAOTE P80, P8000

GIMA: CARDIOGIMA 1M, 3M, 6M, 12, 12M

HP: Pagewriter 1513, 154B/C, 1514D, 1515A/B, 1517A.

KONTRON EKG P80

MACQUAIRE CT100, CT200.

NIHON - KOHDEN Cardiofax 651, 6581, 8110.

PROGETTI: all models

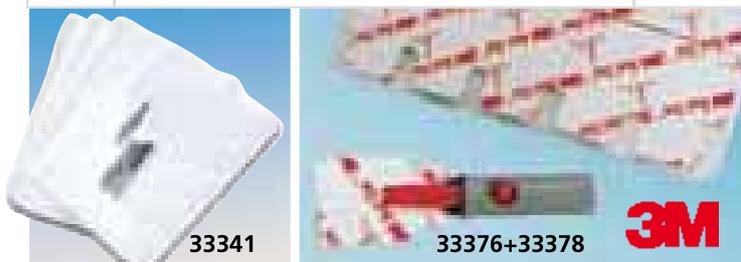
SHILLER AT/1, AT/2, AT/3, AT/4, AT/5, AT/6, AT/10, CS6, CS12, CS100, CV6, P80.



Other ECG accessories at page 150

CREAM, ELECTRODES AND ADAPTORS FOR MOST ECG

GIMA code	UNIVERSAL REUSABLE ECG ELECTRODES	Minimum order
33363	Set of 4 limb clamp electrodes (4 colours) pediatric	1 set
33364	Set of 4 limb clamp electrodes (4 colours) adult	1 set
33368	Set of 6 chest electrodes Ø 15 mm-silver coated	1 set
33365	Set of 6 chest electrodes Ø 24 mm-silver coated	1 set
33369	Set of 6 chest electrodes Ø 30 mm-silver coated	1 set
33323	Set of 6 chest electr. Ultra Ø 24 mm - silver coated	1 set
33324	Set of 6 chest electr. Ultra Ø 30 mm - silver coated	1 set
UNIVERSAL DISPOSABLE ECG ELECTRODES AND ADAPTERS		
33325	Disposable FOAM electrodes Ø 43-45 mm	1,250 pcs.
33326	Disposable TNT electrodes Ø 43-45 mm	1,250 pcs.
33327	Disposable TNT electrodes Ø 55 mm	1,200 pcs.
33367	Adaptors to connect ECG cable to code 33325/6/7	10 pcs.
33378	3M RED DOT™ 2330 - 3.2 x 2.2 cm single use electrode with adhesive gel	100 pcs.
33341	Disposable pre-gelled tab electrodes 34x22 mm	100 pcs.
33375	Adaptor for ECG cables (pin)	10 pcs.
33376	Adaptors for ECG cables with 4 mm banana plug	10 pcs.
33342	To be used with GIMAPLAY and CARDIOGIMA ECG Universal adapter with 4 mm socket for snap and alligator connection	10 pcs.
33371	ECG cream - 250 ml	24 bottles



GIMA ECG THERMAL PAPERS FOR DIFFERENT ECG BRANDS



GIMA code	ECG MANUFACTURER AND MODEL	Type	Width mm	Length	Sheet	Marker	Grid	Min. order
33799	BURDICK Atria 3100/6100, quest	pack	210	300	200	yes	red	1
33800	Eclipse 400 BIONET	pack	107	140	200	yes	pink	25
33358	Cardiocare/Cardiotouch CARDIOLINE	roll	215	25	-	no	green	1
33804	Elan 1100	pack	112	100	300	yes	red	25
33805	Delta 30/60	roll	183	30	-	no	red	5
33806	Delta 1 plus	pack	60	100	300	yes	red	25
33808	Delta 1 plus	roll	60	30	-	no	red	50
33807	Delta 3 plus	pack	112	100	300	yes	red	25
33809	Elan stress EDAN	pack	210	280	200	yes	pink	1
33801	SE-1	roll	50	25	-	no	pink	60
33802	SE-3	roll	80	25	-	no	pink	30
33811	ELETTRONICA TRENITINA Autoruler 12/1, comp. 1x12	roll	50	30	-	yes	blue	50
33812	Start 100	roll	130	27	-	yes	blue	10
33813	Ar1200	roll	120	18	-	yes	blue	35
33815	ESAOTE BIOMEDICA P 80	roll	90	28	-	no	red	25
33816	P 80	pack	90	70	400	yes	red	25

GIMA code	ECG MANUFACTURER AND MODEL	Type	Width mm	Length	Sheet	Marker	Grid	Min. order
33861	P 80 Power	pack	210	280	215	yes	red	1
33818	P8000 Power	pack	80	70	300	yes	red	50
33819	Personal 120	pack	126	150	170	yes	-	20
FUKUDA ME - FUKUDA DENSHI								
33820	Cardisuny 501 D/S/SA	roll	50	30	-	no	red	50
33821	FPC 15, 2201, OP 119 TE	roll	63	30	-	no	red	50
33822	OP 111 TE, OPI 115 TE	pack	50	75	400	yes	red	50
33823	OP 112 TE, OPI 122 TE	pack	63	75	400	yes	red	50
GIMA								
33338	Cardiogima 3M, Gimaplay 1	roll	58	25	-	no	red	10
33352	Cardiogima 6M, Kenz 302	roll	112	23	-	-	red	10
HELLIGUE - MARQUETTE								
33835	Microsmart HEWLETT PACKARD	pack	90	90	390	yes	green	10
33840	Page Writer 100/200	pack	210	300	200	yes	red	1
33841	Monitor 40453 A KENZ	roll	50	30	-	no	red	50
33805	301 - 303/601 MACQUARIE	roll	183	30	-	no	red	5
33347	CT 100/CT 200 MARQUETTE	roll	57	13	-	no	green	10
33845	MAC PC	roll	108	23	-	no	pink	30
33846	Case 10-12-15 MORTARA	pack	215	280	300	yes	red	1
33850	Eli 50	pack	50	70	200	yes	pink	50
33845	Eli 100	roll	108	23	-	no	pink	30
NIHON KOHDEN								
33855	6101, 6151, 6501, 6511	pack	50	100	300	no	pink	10
PHYSIO CONTROL								
33820	Life Pack 9-10 SCHILLER	roll	50	30	-	no	red	5
33860	AT 1	pack	90	90	390	yes	green	10
33861	AT 2	pack	210	280	215	yes	red	1
33862	AT 10	pack	210	140	235	yes	green	8
33818	AT 101	pack	80	70	300	yes	red	50
SIEMENS								
33822	Cardiostat 1	pack	50	75	400	yes	red	24
33823	Cardiostat 11	pack	63	75	400	yes	red	30

SONY PRINTER AND PAPER

- **33967 SONY PRINTER UP-897 MD - black/white**
Produces A6 size printings in about 2 seconds, with superb print quality with 325 dpi and grey level of 256 steps. 110-240 V AC, 50/60 Hz



- **33991 SONY COLOUR PRINTER UP-21 MD**
- **33992 SONY A4 COLOUR PRINTER UP-D77MD**

33967 Size:
154x240xh 88 mm

- SONY PAPERS
- **72730 SONY PAPER - UPP-110 HD - box of 5 rolls**
High density printing paper - 110mm x20 m
 - **72731 SONY PAPER - UPP-110 HG - box of 5 rolls**
High glossy printing paper- 110mm x18 m
 - **72732 SONY PAPER UPP-110S - box of 5 rolls**
 - **72733 SONY PAPER UPP-110HA - box of 5 rolls**
 - **72735 SONY COLOUR PAPER UPC-21L**
(4 ink rolls + 200 supports 144x100 mm)



72731

SONY

GIMA VIDEOPRINTER PAPER



Videoprinter paper

COMPATIBLE WITH MOST VIDEOPRINTERS

72721

- **72721 VIDEOPRINTER PAPER - roll 110 mm x20 m**

GIMA VIDEOPRINTER PAPER-COMPATIBILITY LIST		
List of compatible printers	Alternative to papers	Nr of prints
Mitsubishi electric P-60/61/65/66/67/90/91	K-61 B, K-65 HM	200
Sony UP-860-890/D860/D890/MD 897	UPP-110 S, UPP-110 HD, UPP-110 HA	80
Aloka	SSZ-300 S	100
Hellige SSZ-300	226 149 01	100
Helwett-Packard	77510 A	200

- **72740 MITSUBISHI PAPER LX65HM-CE**

COUPLING GEL FOR ULTRASOUND, EEG AND EMG



33373

33370

33372

33374

COUPLING GEL this versatile product can be used with:

- all **ultrasound transducers**, to create a perfect contact between transducer and skin.
- **electrical devices** (dopplers, cardiocographs, echoencephalography, miography, transcutaneous stimulation in physiotherapy, defibrillator and other electromedical devices) to increase electrical conductivity between electrodes and patient body.

Does not create dirt or cause irritation, soluble in water, easily removable by a towel.

Made in Italy.



GIMA code	GEL FOR ULTRASOUND, DOPPLER, EEG, EMG,...	Minimum order
33370	Gel for Ultrasound (tube 250 ml)	24 tubes
33372	Gel for Ultrasound (bottle 1000 ml)	20 bottles
33373	Gel for Ultrasound (rigid tank of 5 Kg)	4 tanks
33374	Gel for Ultrasound (soft bag of 5 Kg)	4 bags

ALKALINE, LITHIUM AND ZINC-AIR "ACOUSTIC" BATTERIES



32200

32201

32203

FOR GENERAL USE APPLICATIONS



32202



32211

FOR ELECTRONIC



32221

FOR ACOUSTIC



32220

GIMA code	VARTA ALKALINE HIGH ENERGY BATTERIES	Type	Blister	Min. order
32200	Varta ministilo H.E. - alkaline	AAA	4 pcs.	10 blister
32201	Varta stilo H.E. - alkaline	AA	4 pcs.	20 blister
32203	Varta half torch H.E. - alkaline	C	2 pcs.	10 blister
32204	Varta torch H.E. - alkaline	D	2 pcs.	10 blister
32205	Varta 9V H.E. - alkaline	9V	1 pc.	10 blister

GIMA code	RAYOVAC ALKALINE BATTERIES - BULK	Type	Box	Min. order
32202	Rayovac Stilo - alkaline	AA	24 pcs.	2 boxes

GIMA code	VARTA LITHIUM BATTERIES - BUTTON	Blister	Min. order
32210	Varta 2016 - lithium button	1 pc.	10 blister
32211	Varta 2025 - lithium button	1 pc.	10 blister
32212	Varta 2032 - lithium button	1 pc.	10 blister

GIMA code	RAYOVAC ZINC-AIR "ACOUSTIC" BATTERIES	Blister	Min. order
32220	Rayovac 675 - zinc air - acoustic	6 pcs.	10 blister
32221	Rayovac 13 - zinc air - acoustic	6 pcs.	10 blister
32222	Rayovac 312 - zinc air - acoustic	6 pcs.	10 blister
32223	Rayovac 10 - zinc air - acoustic	6 pcs.	10 blister

RECHARGEABLE BATTERIES AND CHARGERS

GIMA code	VARTA POWER PLAY RECHARGEABLE BATTERIES	Type	Blister	Min. order
32235	Varta ministilo - 1000 mAh	AAA	2 pcs.	10 blister
32236	Varta stilo - 2500 mAh	AA	4 pcs.	20 blister

GIMA code	RECHARGING STATIONS	Power supply	Sizes mm	Weight g	To be used with:	Recharging time	Supplied with:	12V cde adaptor
32240	Easy Energy multicharger	230 V	180x240x110	1022	AAA, AA, C, 9 C	6-8 h	-	no
32248	Ultra fast Charger: recharge batteries from all major brands	110 - 240 V	181x265x70	336	AAA, AA	15 min	4AA	yes



32240



32248

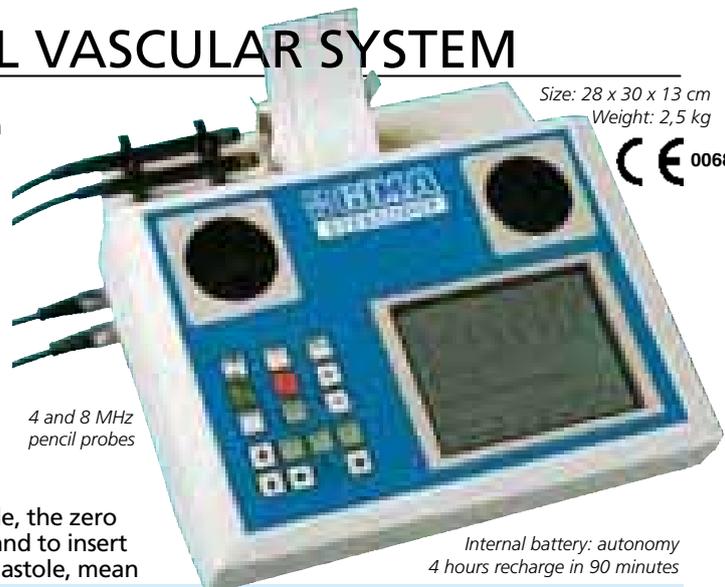
STEREODOP - PROFESSIONAL VASCULAR SYSTEM

• **33235 STEREODOP with 2 pencil probes: 4 and 8 MHz**
 This is a continuous wave (CW) bidirectional stereo doppler with high resolution printer, large LCD display and rechargeable batteries that provide a doppler signal of high quality.

Main features

- **Real time high resolution thermal printer.** With 3 speeds: 5, 12.5, 25 mm/s, 384 dots on 58 mm thermal paper.
- **High resolution backlit LCD graphic display.** 320x240 dots, 1/4 VGA. Selectable zero line position. Inversion of graph and scale. Mode selection: bidirectional or separate. Display speeds: 5, 12.5, 25 mm/s. Double printer control.
- **Hi-Fi stereo audio amplifier.** Acoustic power: 5 + 5 watt. Venous filter selection. Bandwidth: 20 Hz to 12 KHz. Automatic gain control (AGC) and digital volume regulation.
- **Double footswitch:** for freezing (the right) and for printing (the left).
- **Microprocessor controlled system.** Memory of last 90 sec. The post processing system allows the flow of graph to change the scale, the zero line positioning, the speed, to make the inversion, to select the mode and to insert or to include or exclude the following calculations: peak systole, end diastole, mean velocity, pulsatility index, resistivity index and heart rate.

- **33237 STEREODOP PROBE 4 MHz**
- **33238 STEREODOP PROBE 8 MHz**
- **33250 THERMAL PAPER 58 mm x 25 m (pack of 5 rolls)**



Size: 28 x 30 x 13 cm
 Weight: 2,5 kg

STANDARD ACCESSORIES

- 2 electronic pencil probes: 4 and 8 MHz.
- Battery charge
- Gel bottle 50 g
- Footswitch
- Carrying case
- Thermal paper roll 30 m
- Manual (English, Italian, French)

GIMA PORTABLE, BIDIRECTIONAL, VASCULAR DOPPLER

• **33230 GIMA BIDIRECTIONAL DOPPLER NON STEREO with two probes: 4 and 8 MHz.**

- Continuous wave (CW) bidirectional doppler equipped with electronic probes for high sensitivity and low background noise.
- Bidirectional graphic separation of flow (forward and reverse)
 - LCD graphic display for real time display of forward and reverse flow in bidirectional or separate mode
 - Selectable amplitude scale: 1, 2, 4, 8 kHz. during the test and before printing. Preset zero line.
 - 5 minutes (300 sec.) continuous and reviewable memorized test. Operator can select the most meaningful exam and print it.
 - Calculation of: heart rate, peak flow and mean flow.
 - Simultaneous connection of high sensitivity probes
 - Internal rechargeable large capacity battery (Ni-Cd 1.8 Ah); the system can be operated during charging. Autonomy 8 hours use or 1 hour print.
 - Footswitch for freezing or memorizing the graphs
 - Hardcopy may or may not include the parameter calculation
 - Printing time scale: 25 mm/s.
 - Hi-fi audio output for correct acoustic diagnosis

- **33240 GIMA BIDIRECTIONAL PROBE 4 MHz - spare for 33230**
- **33241 GIMA BIDIRECTIONAL PROBE 8 MHz - spare for 33230**
- **33250 THERMAL PAPER 58 mm x 25m (pack of 5 rolls)**



POCKET DOPPLER WITH INTERCHANGEABLE OR FIXED PROBES

Supplied in a nice bag with 7 languages user manual: English French German Italian Spanish, Greek, Portuguese and gel tube.



GIMA POCKET DOPPLERS

Small, lightweight, high sensitivity pocket Doppler. Its probes are ideal for use by a General Practitioner, vascular specialist for routine vascular examination in ER for vessel location, or by specialists in diabetes, urology and gynaecology. Vascular flow signals and FHR are easily located using the transducer while internal signal processing minimises noise artefacts. The flow signal is also available to the user via the built-in loudspeaker with output level controlled by rotary volume control.

TECHNICAL SPECIFICATIONS

- | | |
|---|--|
| <p>Ultrasound
 Frequency: 2, 5 or 8 MHz continuous wave
 Transducer: 2 crystal narrow beam
 Output power: <15mW/cm² SATA
 Audio Response: 300Hz - 4 KHz</p> <p>Unit Controls
 Keys: 1 Key (for unit on/off)
 Controls: rotary volume
 Indicators: Yellow battery low LED</p> <p>Power supply
 Battery 9V Alkaline (not included)
 Expected battery life: >9 hours</p> | <p>Output
 Headset: Audio output to optional headset (not included)
 Material: ABS / Noryl
 Size: 150 mm by 75 mm
 Weight: 299 g (with transducer)
 Classification: Class I Type B - IEC 60601-I
 Warranty: 1 year - Made in UK</p> |
|---|--|

TOP QUALITY: MADE IN UK

GIMA code	GIMA POCKET DOPPLERS
33120	DOPPLER V2005 with 5 MHz fixed vascular probe
33121	DOPPLER V2008 with 8 MHz fixed vascular probe
33123	DOPPLER V2000 (without probe)
33126	2 MHz interchangeable probe - foetal for V2000
33127	5 MHz interchangeable probe - vascular for V2000
33128	8 MHz interchangeable probe - vascular for V2000
29511	ON/OFF membrane switch spare for 33120/3

Triples mode
carotid artery

CHINA



CE 0197

DIGITAL ECOLOURDOPPLER+4D

• **33980 ECOLOURDOPPLER - 17" flat monitor**
 Supplied with 3 probe connectors, trolley, keyboard, without probes
 Digital colour Doppler System with professional features:

Imaging mode:

- B (2D), B/B, B/M, M, 4B, Power Doppler, Pulse doppler, CFM
- Triplex (real time simultaneous 2D, doppler and colour)
- Duplex (real time simultaneous 2D and doppler)
- Trapezoidal imaging - Harmonic, optional 4D

Image processing technology:

- Full digital beam former - Auto doppler - Data edit: frozen image can be optimized by changing gain, STC, zoom, dynamic range, smooth, frame averaging, base line...

Raw data image post-processing:

- Image edition can be done after patient leave

Software Package for most clinical applications

- For abdomen, OB/GYN, cardiac, vascular
- Intelligent zoom, real time, frozen zoom.

Fully PC-Based and Windows operating system

- Fast data processing
- Large image storage: HardDisk, USB, CD, 1394 Port
- Print directly to PC-printer and Video-printer

Wideband multifrequency probes

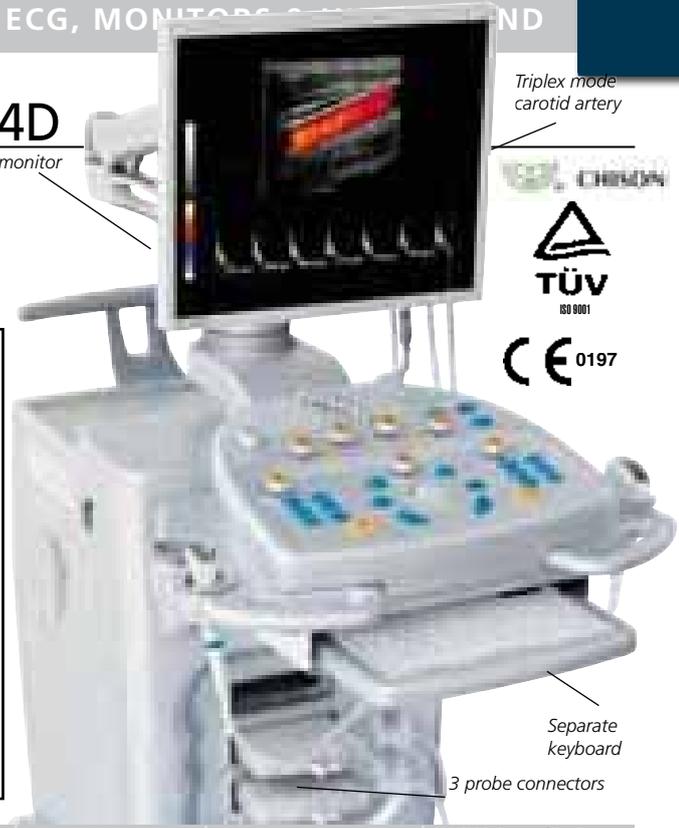
Continuously adjustable, 2-12 MHz

• **33981 ECOLOURDOPPLER + 4D**

Same as code 33980 but with 4D real time imaging composed of 3D pictures with the addition of live motion.

• **33990 MITSUBISHI CP900E COLOUR PRINTER**

• **33991 SONY UP-21 HD COLOUR PRINTER**



GIMA code	PROBES		FREQUENCY (MHZ)		Main application								
	Outlook	Scanning Method	Main freq.	4-Step Multi-frequency	ABDOMINAL	OB/GYN	UROLOGY	SMALL PARTS	BREAST	CARDIOLOGY	PROCTOLOGY	PEDIATRICS	VESSELS
33983		CONVEX	3.5	2.5/3.5/4.5/5.0	●	●	●	○	○	○	○	○	○
33984		LINEAR	7.5	5.0/6.0/7.5/1.0	○	○	○	○	○	○	○	○	○
33985		MICRO-CONVEX (TRANSVAGINAL)	6.0	4.5/6.0/7.0/8.0	○	○	○	○	○	○	○	○	○
33986		CARDIAC	5.5	2.0/2.5/3.0/3.5	○	○	○	○	○	○	○	○	○
33987		PEDIATRIC	5.5	3.5/5.0/6.0/8.0	○	○	○	○	○	○	○	○	○
33988		4D CONVEX		3.5/4.5/5.5/6.0	○	○	○	○	○	○	○	○	○

M5 PORTABLE COLOURDOPPLER

CE 0123



- **33080 M5 COLOURDOPPLER**
- **33081 M5 VET-COLOURDOPPLER**
- **33082 TROLLEY**

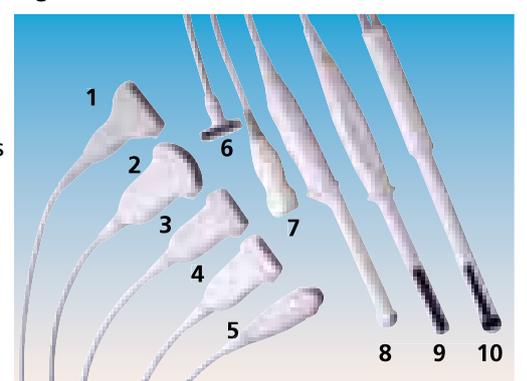
The M5, weighing 6Kg, delivers large-scale functionality and greater diagnostic confidence. Mindray is committed to best-in-class image quality and easy optimization tools as good as a much bigger system. The M5 integrates brilliant color imaging capability with uncompromised 2D performance. The Multi-beam Parallel imaging (MBP) increases temporal resolution and real-time frame rate, while collecting useful information to re-build high quality images. Image homogenization full fills the whole field up to 30cm deep.

The M5 offers complete imaging modes: 2D, M, PW, HPRF, CW, Color, Power and DirPower. Optional software modules (to be ordered with M5): CW (continuous wave Doppler) for more accurate cardiac diagnosis. Smart3D™ leads to vivid ultrasound healthcare, iScape View™ (panoramic imaging) and trapezoidal imaging expands to a wider field of vision.

High resolution 15 - inch TFT monitor with wide view of angle



GIMA code	M5 PROBES AND SOFTWARE MODULES	Fig.
33085	Convex array 3C5 _s	2
33086	Phased array 2P2 _s	7
33087	Micro convex array 3C1 _s	5
33088	Micro convex array 6C2 _s	5
33089	Micro convex endocavitary 6CV1 _s	8
33090	Linear array 7L4 _s	3
33091	Linear array 10L4 _s	4
33092	Linear array 7L6 _s	1
33093	Biplanar 6LB7 _s	10
33094	Endorectal array 6LE7 _s	9
33095	Intraoperative T-shaped 7LT4 _s	6
33096	CW continuous wave doppler	
33097	Smart 3D software	
33099	I-scape software	



B/W DIGITAL ULTRASOUND SYSTEM

• **33910 ULTRASOUND 8500** - supplied with two probes connector, trolley, ergonomic keyboard, cine memory and 14" SVGA monitor, without probes.

- Excellent image: 14" SVGA monitor with scanning line by line, flashing free, 256 grey levels. Harmonic imaging.
 - Unlimited memory: 128 frames allow you to choose the best image when you miss the right moment.
 - USB port to import/export images to a PC
 - Zooming: intelligent 4 steps
 - Digital multi frequency probes: each probe has 4 steps of frequency, tailored to different patient's body types (2-10 MHz).
 - Image processing: Pre-processing: IP selection, dynamic range, edge enhancement, smooth, frame averaging, scanning angle selection, line density selection. Post-processing: Ycorrection, gray transformation, gray rejection. STC: 8 slides for near, far and overall gain control.
 - Image reversing: left/right, up/down, positive/negative
- General measurements:** B mode: distance, circumference, area, volume, ratio, angle, % stenosis, histogram, profile.
M mode: distance, time, velocity, heart rate.
EDD tables: BPD, GS, CRL, FL, HC, AC (user-defined EDD tables are available)

- 33968 FOOTSWITCH
- 33967 SONY PRINTER UP-897MD



DIGITAL TECHNOLOGY

General software package for ABDOMEN, OB/GYN, SMALL PART, UROLOGY, CARDIOLOGY. Special cardiology package (LV, mitral valve, CO, LVET...), Special fetal growth analysis software.



Multi-function knob for quick adjustment



2 probes connectors

GIMA code	PROBES		FREQUENCY (MHZ)		● Main application ○ Alternative application								
	Outlook	Scanning Method	Main freq.	4-Step Multi-frequency	ABDOMINAL	OB/GYN	UROLOGY	SMALL PARTS	BREAST	CARDIOLOGY	PROCTOLOGY	PEDIATRICS	VESSELS
33914		CONVEX*	3.5	2.5/3.5/4.0/5.0	●	●							
33915		LINEAR	7.5	5.0/6.0/7.5/10.0				●				○	●
33916		MICRO-CONVEX (TRANSVAGINAL)	6.0	4.5/6.0/7.0/8.0		●						○	
33917		CARDIAC	3	2.0/3.0/3.5/4.5					●				
33918		TRANSRECTAL	7.5	5.0/6.0/7.5/9.0		●							

TECHNICAL SPECIFICATIONS

- 2 VGA output, 1 video output, footswitch part.
- Display mode: B, B/B, B/M, M, 4B
- Scanning technique: real time dynamic imaging (RDA, RDF, DFS, DRA)
- Scanning depth: 240 mm max. (depending on probe type)
- Probe frequency: 2-9 MHz
- Power supply: 230V/50Hz (110V/60Hz on request)

* With 2nd harmonic imaging

B/W 2D AND 3D ULTRASOUND UNITS



33971

910x550x1310 mm
80 kg



B/W images during 3D elaborations looks like in colours



Professional software package



• **33970 ULTRASOUND 8800-2D** - supplied with three probes connector, trolley, ergonomic keyboard, cine memory and 14" SVGA monitor, without probes.

- Same as code 33910 but with extra features:
- 128 frame cine memory, cine loop, picture-in-picture
 - 80 G hard disk - 100,000 images capacity
 - CD driver and floppy driver, USB port
 - Intelligent zoom function (real time and frozen mode)
 - LAN output for direct connection to PC
 - Professional software package included

• **33971 ULTRASOUND 8800 - 3D - without probes**

- Same as 33970 but with 3D free hand package
- Easy to use, live training material available
 - Special sensor allows fast 3D scanning
 - 3D package is built inside the 2D system and use 2D probes reducing hardware costs
 - Foot switch included

• 33967 SONY PRINTER UP-897MD



33967

GIMA code	PROBES		FREQUENCY (MHZ)		● Main application ○ Alternative application								
	Outlook	Scanning Method	Main freq.	4-Step Multi-frequency	ABDOMINAL	OB/GYN	UROLOGY	SMALL PARTS	BREAST	CARDIOLOGY	PROCTOLOGY	PEDIATRICS	VESSELS
33972		CONVEX WITH 3D SENSOR	3.5	2.5/3.5/4.5/5.0	●	●					○		
33973		CONVEX	3.5	2.5/3.5/4.5/5.0	●	●					○		
33974		LINEAR	7.5	6.0/6.5/7.5/9.0					●	○		○	●
33975		MICRO-CONVEX (TRANSVAGINAL)	6.0	4.5/5.0/6.0/7.0		●	○				○	○	
33976		CARDIAC	3.0	2.0/3.0/4.0/4.5						●			

For codes, 33910, 33970/71, 33080/81, 33980/81 we can provide full training in our facilities or in your facilities (Europe only).

DIGITAL PORTABLE ULTRASOUND

• **33900 DIGITAL PORTABLE ULTRASOUND 8300** supplied with 10" SVGA monitor and 2 probes connectors, CINE memory, 2 USB ports, software packages. Without probes.

Professional portable ecograph with wide range of probes and high quality of images suitable in many specialistic fields.

Image:

- B, B/B, 4B, M, B/M
- Harmonic imaging
- 256 gray scales
- Scanning depth: max 240 mm (depending on probe)

Probes: supplied with 2 probe connectors
 - Selection of 5 probes: Electronic Convex / Linear / Transvaginal / Transrectal / Cardiac

Image processing:

- Fully digital beamforming technology
- Real-time dynamic imaging: RDF, RDA, DFS, DRA
- Frame averaging: 8 steps
- Linear averaging: 8 steps
- 6 STC slides for near far and overall gain control
- Image reversing: left/right, up/down
- Zoom: intelligent zoom, 4 steps

Measurement and report

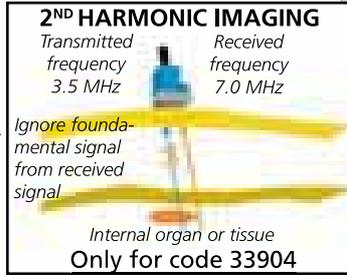
- B mode: Distance, circumference, area, volume, ratio, angle, %stenosis, histogram, profile
- Cardiology package: LV, mitral and aortic valve, CO, LVET, MVCF, SV, EF, cardiac index
- Software package: Abdomen, OB/GYN, Cardiac, Urology
- M mode: distance, time, velocity, heart rate
- EDD tables, gestational age: BPD, GS, CRL, FL, HC, AC
- Fetal weight, fetal heart measurement, growth analysis, LMP, BBT

Others

- CINE: 128 frames, play back selectable
- 10 inch, SVGA high resolution monitor
- image permanent storage: hard disk, USB (2 ports)
- can use PC printer (A4) or video printer
- **33901 TROLLEY:** Modern design, height adjustable trolley, provided of 4 wheels with brake.
- **33967 SONY PRINTER UP-897MD**



Back-light keyboard for better visibility in dark room



230V-50Hz (110V-60Hz on request)

Two USB ports

Two probe connectors

Optional printer

33900+33901+33967

GIMA code	PROBES		FREQUENCY (MHZ)		Main application								
	Outlook	Scanning Method	Main freq.	4-Step Multi-frequency	ABDOMINAL	OB/GYN	UROLOGY	SMALL PARTS	BREAST	CARDIOLOGY	PROCTOLOGY	PEDIATRICS	VESSELS
33904		CONVEX	3.5	2.5/3.5/4.0/5.0	●	●							
33905		LINEAR	7.5	5.0/6.0/7.5/9.0				●	○			○	●
33906		MICRO-CONVEX (TRANSVAGINAL)	6.0	4.5/6.0/7.0/8.0		●	○					○	
33907		CARDIAC	3.0	2.0/3.0/3.5/4.5						●			
33908		TRANSRECTAL	7.5	5.0/6.0/7.5/9.0		●							●



PORTABLE ULTRASOUND

Lightweight: only 7 Kg (size: 42x27x25 cm)



33931

Two probes connector included with 33931

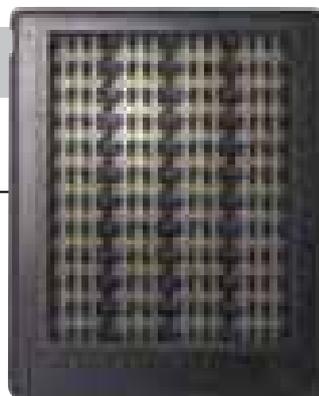
• **33931 PORTABLE ULTRASOUND 10" SVGA monitor with two probe connectors, 64 frames cine memory, without probes**

- Zooming and measurement functions
- Wide applications: GYN, urology, abdominal, small parts
- Easy to use, just one day to learn all functions
- 4-steps sweep speeds for cardiac study: 2s, 4s, 6s, 8s
- 4-steps zoom with depth control: x0.8, x1.0, x1.5, x2.0
- Various measurements: Distance, Circumference, Area, Volume
- Full Ob/Gyn software included: 7 EDD tables (BPD, GS, FL, AD, HC, AC, CRL), G.A. (fetal age) from 4-43 weeks
- Fetal weight, fetal heart rate measurement
- Imaging reversing: up/down, left/right, positive/negative
- Power supply: 230 V/50 Hz (110V/60 Hz on request)

• **33967 SONY PRINTER UP-897 MD**

You can use any other printer for ecograph on the market

GIMA code	PROBES		FREQUENCY (MHZ)		Main application								
	Outlook	Scanning Method	Main freq.	4-Step Multi-frequency	ABDOMINAL	OB/GYN	UROLOGY	SMALL PARTS	BREAST	CARDIOLOGY	PROCTOLOGY	PEDIATRICS	VESSELS
33932		CONVEX	3.5	2.5/3.5/4.0/5.0	●	●							
33933		LINEAR	7.5	5.0/6.0/7.5/9.0				●	○				●
33934		MICRO-CONVEX (TRANSVAGINAL)	6.0	4.5/6.0/7.0/8.0		●	○						



DIRECT DIGITAL RADIOGRAPHY (DR) SYSTEM

DIRECT DIGITAL RADIOGRAPHY (DR) SYSTEM

DR ranks among the most significant steps forward in medical imaging since Röntgen's discovery of the X-ray in 1895. As technology and practice drive toward total film less solutions, DR is taking over from conventional X-ray and Computed Radiography (CR) wherever possible. The widespread adoption of DR systems has been limited only by its high cost, that is until now. We are delighted to introduce the new Naomi DR system.

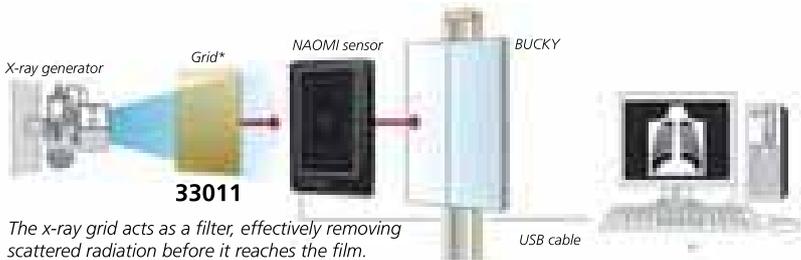
UNIQUE COST-EFFECTIVE CCD TECHNOLOGY

The Naomi capture-plate incorporates 192 versatile CCD detectors to produce a high-quality image – 48 megapixel / 4096 grey-scale – at a break through and affordable price.



LOW COST OF OWNERSHIP AND OPERATION

By eliminating the use of film and processing of conventional X-ray, the Naomi system not only saves money on consumables but also minimises labour and maintenance costs. Added to the increased productivity of producing an image ready for reading in 30 seconds, the Naomi solution can pay for itself in a matter of months (depending on volume).



The x-ray grid acts as a filter, effectively removing scattered radiation before it reaches the film.

TOTAL INTEGRATION WITH YOUR EXISTING EQUIPMENT

Doctors can use their existing equipments and x-ray generators. NAOMI occupies a small space in a clinic. Just replace the film cassette with the NAOMI capture-plate in the existing X-ray environment and connect to the PC through a USB cable. Now the X-ray system is digital!!



IMMEDIATE DIAGNOSIS

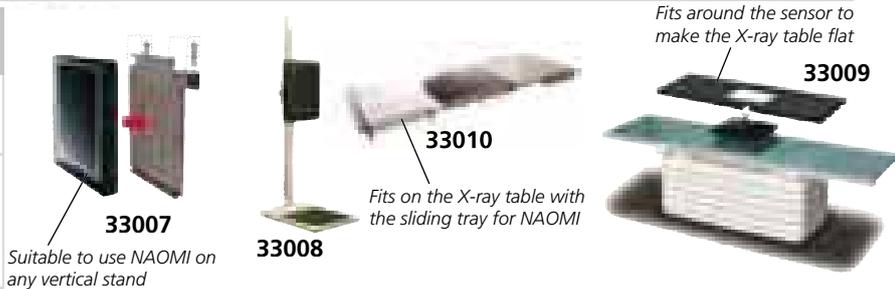
Doctors can immediately start diagnosis of the X-ray image for their patients right after the exposure. There is no waiting time for the processor to warm up or worrying about vestiges of the consumable materials. The short preparation time and immediate availability of X-ray examination are the main advantages for digital radiography.

DIGITAL IMAGE MANIPULATION AND MANAGEMENT

The NAOMI software (DICOM 3.0) provides easier digital image manipulation: from magnification of the area of interest, length and angle measurement, contrast adjustment, negative-positive inversion, horizontal/vertical rotation, and side-by-side image layout for comparison. It provides more information on a single image to support diagnosis from various angles.

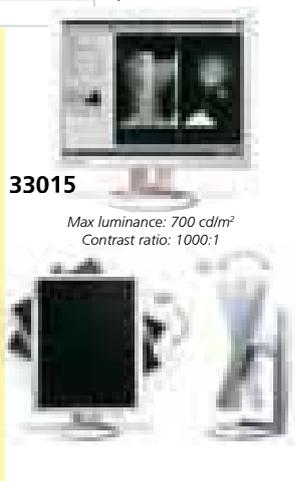
DICOM software is included with NAOMI.

GIMA code	DR. NAOMI SYSTEM
33000	NAOMI SYSTEM 20x25 cm - with software
33001	NAOMI SYSTEM 27x35 cm - with software
33002	NAOMI SYSTEM 35x43 cm - with software
33007	Bracket for upright bucky stand
33008	Upright radiography stand - 60x200x80 cm
33009	Protective cover
33010	Acrylic table top cover - sire on request
33011	Grid - ratio 10:1
33015	Monitor 20,1" - TFT - 2 mega pixel



TECHNICAL SPECIFICATIONS MONITOR 33015

LCD panel
 Technology: 20.1 inch, monochrome, TFT
 Display area: 16.06 (H) x12.04 (V) inch
 Native Resolution: 1600 (H) x1200 (V) Pixel
 Pixel pitch: 0.255 (H) x0.255 (V) mm
 Contrast ratio: 1000:1 (Typ)
 Maximum luminance: 700 cd/m²(Typ)
 Viewing angle: 170°
Input signal: Input Sync signal: DVI
Physical specifications
 Dimensions: 17.56 (W)x15.29-20.41 (H)x11.18 (D)inch (with the tilt stand) portrait:
 14.17 (W)x18.27-22.11 (H)x11.18 (D)inch
 Weight: approx, 16.72lb, w/o tilt stand
 Stand: Pivot, Tilt, Swivel, Height Adjustment Slide
 Mount: VESA FDMI (100x100mm)
Other features: backlight life 50,000 hours (minimum)



TECHNICAL SPECIFICATIONS NAOMI

	33000	33001	33002
Active area (mm)	290x175	272x362	350x450
Size (mm)	320x305x60	444x494x62	474x589x62
Resolution	4608x3936	4608x5904	6144x7872
Resolution megapixel	18.14	27.20	48.37
Weight (kg)	5.2	5.4	8.8



MICRO INFUSION PUMP

• 35200 INFUSION PUMP

This pump using peristaltic method is a cutting-edge pump realizing high flow precision with compatibility with tubes of various pumps through ultrasonic bubble detection. Easy to operate and adjust, provide accurate and precise performances.

Main features

- **Light and compact design:** light as 3.5 kg, compact design, and easy to use.
- **Compatible with 3 brands of IV SET:** TERUMO (TS PA 200L), BD (A122), KOREAN VACCINE.
- **Flexible flow setting and easy operation method:** Flow-setting range of 1~1000 ml/h, 0.1~999.9 ml/h is available for wide range settings and dial type is easy to use for setting flow-volume.
- **Full program dosage feature:** it can calculate the right flow rate for a patient and inject promptly.
- **Easy recognition of alarm:** it notifies errors and emergencies with LED light and buzzer, simultaneous visual and audio alarm system.
- **Notifying remaining battery:** battery LED is attached to notify charged battery showing remaining battery and when to recharge.
- **Keep Vein Open feature:** when reached preset value, it converts to low flow speed of 3ml/h (when IV set is 15, 19, 20 drops/ml) or 1ml/h (when IV set is 60 drops/ml) automatically to prevent flow route clog due to blood coagulation.
- **Ultrasonic air bubble detector**

- English and Italian manual
- 35203 Ni-Cd BATTERY
- 26071 IV SET - box of 100

IV clamp included



TECHNICAL SPECIFICATIONS

Flow volume setting range

1~1000 ml/h (1 ml infusion interval)
0.1~999.9 ml/h (0.1ml infusion interval)

Flow volume error margin $\pm 5\%$

Infusion limit volume range
1~9999 ml

Total estimated volume range
1~9999 ml

K.V.O rate (Vein maintaing function)

15, 19, 20 sap sets-3ml/h, 60ml sap set-1 ml/h

Pump method Peristaltic method
Size (W xDx H) 100x190x250 mm

Weight 3.5kg

Rapid flow volume (Purge)

300 ml/h or more
Nurse call DC24V, 0.5A

Alarm features

Notifying bubble detection system error, IV set clog, FLOW ERROR, DOOR OPEN, vein maintenance, IV set EMPTY, error, infusion completion, and low voltage

Special features

Injection memory, total infused volume removal, IV set brand selection, alarm sound volume UP/DOWN, dosage mode setting, occlusion error range setting, and display setting

Power

AC 110V / 230V, 50/60Hz and DC9.6V
inner source adapter DC24V / 1A

Maximum power consumption 15VA

Electric protection levels

Class II B, inner source device, CF type

Waterproof level IPX2

Battery type Ni-Cd

Battery using time
2-3 hrs. (when infusing 125 ml/h)

Battery charging time Minimum 6 hours.

Battery life approx 6 months

AUTO SYRINGE PUMP

• 35205 SYRINGE PUMP

Light and compact design syringe pump with easy syringe installing through one-touch method by slider hook, recognizing various information easily through graphic LCD. Very easy to operate and adjust.

Flexible flow volume setting.

Full program dosage feature: it automatically calculates flow rate by patient's weight, injection's mass and meltage.

Keep Vein Open (K. V. O.) feature: When reached to the preset value, it converts to low flow speed of 0.1ml/h automatically to prevent flow route clog due to blood coagulation.

Compatibility with 5 major brands of syringes: Syringe brand setting feature enables you 5 choose, from following syringe brands: BD, TERUMO, ARTSANA, PENTAFERTE, SUNGSHIM.

Alarm and notification feature: It notifies errors and emergencies with LED light and buzzer. Simultaneous visual and audio alarm.

Occlusion error range setting: You can set the pressure level of occlusion stage to High, Medium and Low by patient's age condition.

English and Italian manual

- 35210 Ni-MH BATTERY

Flow volume setting range

Syringe 10ml : 0.1-300ml/h
Syringe 20ml : 0.1-400ml/h
Syringe 30ml : 0.1-500ml/h
Syringe 50ml : 0.1-1200ml/h

Flow volume error margin $\pm 3\%$

Infusion limit volume range
0.1~999.9ml (0.1 ml infusion interval)

Total estimated volume range
0.1~999.9ml (0.1ml infusion interval)

K.V.O rate (Vein maintaing function)

0.1ml/h

Size (W xDx H) 220x130x108 mm

Weight 2 kg

TECHNICAL SPECIFICATIONS

Rapid flow volume(Purge)

Syringe 10ml : 300ml/h
Syringe 20ml : 400ml/h
Syringe 30ml : 500ml/h
Syringe 50ml : 1200ml/h

Nurse call DC12V, 1A

Alarm features

Notifying vein maintenance, system error, NEAR EMPTY, CLUTCH OPEN, SLIDER HOOK OPEN, low voltage and CLAMP OPEN

Special features

Temporary stop, total infused volume removal, Dosage Mode setting, occlusion error range setting, alarm sound

volume UP/DOWN, and menu setting

Power

AC 110V / 220V, 50/60Hz and DC9.6V
inner source adapter DC24V / 1A

Maximum power consumption 18VA

Electric protection levels

Class II B, inner source device, CF type

Waterproof level IPX2

Battery type Ni-MH

Battery using time 2 hours.

Battery charging time Minimum 6 hrs.

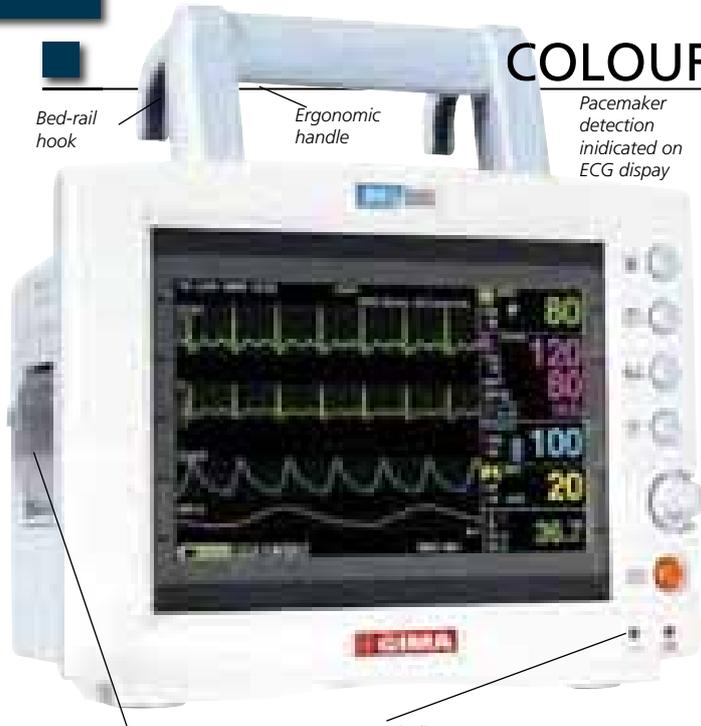
Battery life about 6 months.



IV clamp included



COLOUR MULTIPARAMETER MONITORS



Bed-rail hook
Ergonomic handle

Pacemaker detection indicated on ECG display

- 33718 GIMA BM3 MONITOR (7" - 800X480 - TFT display)
- 33719 GIMA BM3 VET MONITOR - VETERINARY

ECG+SpO₂+NIBP+RESP+TEMPERATURE

- GIMA monitors are configured with
- Heart/pulse rate
 - ST analysis, PVC count display
 - 3 lead ECG (5 lead optional)
 - Non-invasive blood pressure (NIBP)
 - Nellcor Pulse oximetry (SpO₂) - pitch tone
 - Impedance respiration
 - Temperature (sensor is optional)
 - Pacemaker detection indicated on ECG display
 - Battery and direct DC (18 VDC) input (not for recharge)
 - Built-in printer (58 mm)
 - 120 hours memory trend capacity
 - Remote alarm function
 - 20 alarm memory
 - wired or wireless LAN and HL7
 - Internal software selectable in English, Spanish, French, Italian, German.
 - User manual: English (on request: Italian, Spanish, French, German).



CE 0123 33725
Moving cart increase flexibility around the ward or department.

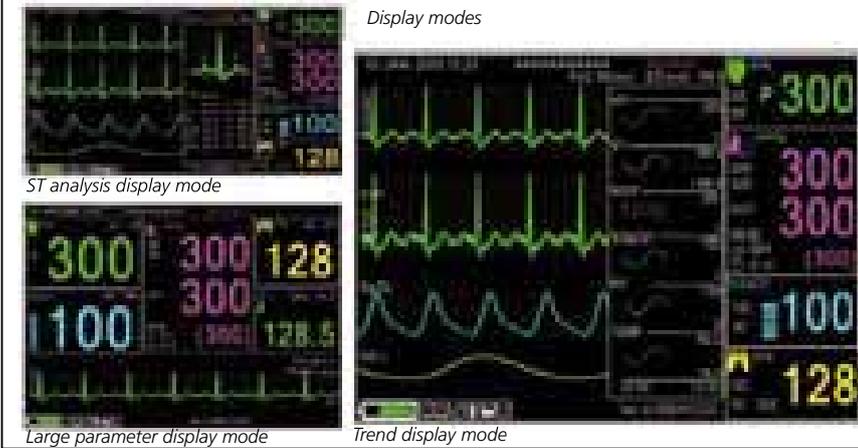
58 mm built-in printer for both real time and trend data (Speeds: 25-50 mm/sec)

Battery status indicator
- operating time 2 h
- charging time 4h



STANDARD ACCESSORIES	33718	33719
3 lead patient cable (ECG)	•	• vet
Disposable electrodes: 10 pcs	•	•
NIBP tubing - 3m	•	•
Reusable adult cuff 25-35 cm	•	•
Reusable child cuff	•	•
Set of 3 veterinary cuff	•	•
SpO ₂ sensor - reusable	•	• vet
SpO ₂ sensor extension cable 2 m	•	•
Thermal printer 58 mm	•	•
DC adaptor (18 VDC, 2.5A)	•	•
Battery	•	•
User manual: English, Italian	•	•

• 33725 CART Adjustable height, 2 basket included
See temperature sensors, cuffs, batteries and other accessories at page 160.



PATIENT CENTRAL SYSTEM (up to 15 monitors)
It allows the user to monitor and extract the exact status of several patients simultaneously at a place. Convenient bidirectional communication allows you to admit new patient information, set alarms at either central station or patient monitor.

- 33745 CENTRAL SYSTEM (PC, monitor and software)
 - 33746 CONNECTION KIT (HUB + LAN cables)
- You need one for any monitor to be connected.



TECHNICAL SPECIFICATIONS

GENERAL		SpO ₂	
Display:	7" colour TFT (800x480)	% Saturation Range:	0% to 100%
Dimensions/Weight:	238x250xh 163 mm/3.1 kg	Pulse Rate Range:	0 to 254 bpm
Indicators:	Up to 4 waves (2xECG, SpO ₂ , Respiration), categorized alarms (3 priority levels), external power LED, heart rate tone, battery status	SpO ₂ Accuracy:	70% to 100% ±2 digits
Thermal printer:	25, 50 mm/sec (paper width 58 mm)	Pulse Rate Accuracy:	± 2 bpm
Battery:	internal battery: Li-ion operating time: 2 hours (fully charged)	NIBP	
Interfaces:	LAN digital output for transferring data DC input connector: 18 VDC, 2.5 A max	Technique:	Oscillometric
Operating voltage:	100-240 V, 50-60 Hz	Measurement Modes:	Manual: Single measurement Auto: Automatic intervals of 1, 2, 3, 4, 5, 10, 15, 20, 30 min. and 1, 2, 4, 8 hours Stat: Continuous measurement for 5 minutes
ECG		Cuff pressure display:	50 to 300 mmHg
Leads:	3 leads, 5 leads(OPTION)	B.P. measurement range:	Systolic: 0 to 260 mmHg Mean Arterial Pressure: 30 to 220 mmHg Diastolic: 20 to 200 mmHg
Heart Rate Range:	30 to 300 bpm	Adjustable Cuff Inflation Pressure	
Heart Rate Accuracy:	± 3 bpm	Respirations	
ST level:	yes	Range:	5 to 120 breaths/min
PVC Count display:	yes	Accuracy:	± 3 breaths/min
Bandwidth:	0.5 Hz to 40Hz	Temperature Unit	
Display Sweep Speeds:	25mm/sec	Range:	15° to 45°C (59°F to 113°F)
ECG Size (Sensitivity):	0.5, 1, 2, 4 mV/cm	Accuracy:	± 0.1°C
Pacemaker Detection Mode:	Indicator on waveform display	Compatible with:	YSI Series 400 Temperature Probes
CMRR:	>90 dB at 50 or 60Hz		
Input Dynamic Range:	± 5 mVAC, ± 300 mVDC		
Defibrillator Discharge:	<4 s		
Arrhythmia analysis:	VTAC/VFIB/ ASYSTOLIC		
Lead-Off Detection with display indicator			

BM5 MULTIPARAMETER MONITOR WITH EXTENDIBLE PARAMETERS

- 33777 GIMA BM5 MONITOR - 10.4" TFT display - 7 ch ECG
- 33778 GIMA BM5 MONITOR - 10.4" TFT display - 12 ch ECG - from June 2009
- 33779 GIMA BM5 VET MONITOR - 10.4" TFT display

- High-performance ECG analysis
- ST level PVC count display
- 13 kinds of Arrhythmia analysis
- 7 or 12 channels
- 10.4" colour TFT screen with 6 waveforms
- Visible alarm lamp handle
- SpO₂ technology with very low-perfusion detection
- SpO₂ pitch tone
- 58mm built-in chart recorder
- Graphical and tabular trends of printing
- LAN or wireless LAN
- 120 full hours trend data stored
- Direct DC input for vehicle transport
- Li-ion battery with long life time
- Connection to central monitoring system
- Selectable software language (English, French, Spanish, Italian, German).

Standard accessories as BM3 monitor - see page 158 but with 10 leads ECG cable (33778 only).



**ECG+SPO₂+NIBP+RESP+ 2 TEMP,
2 IBP + optional ETCO₂ MODULE**

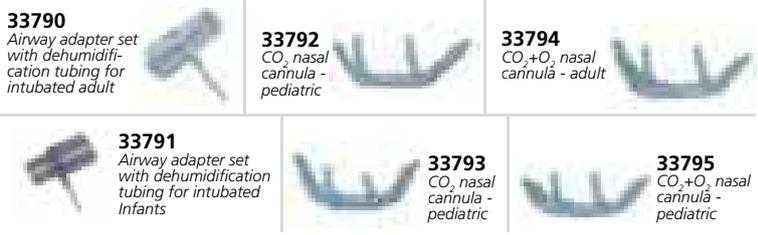
12 Channel display



Visible alarm lamp handle

Arrhythmia analysis: VTAG, VFIB, ASYSTOLIC Pacemaker detection indicated on the ECG waveform display

GIMA code	TEMPERATURE, EtCO ₂ AND IBP KIT
33740	Temperature sensor exacon 2.75 m - skin type
33741	Temperature rectal sensor
33796	EtCO ₂ Sidestream module for 33777/8/9
33790	Intubated Filter Line H - adult - box of 10 for 33796
33791	Intubated Filter Line H - infant - box of 10 for 33796
33792	Non intubated CO ₂ nasal cannula - adult - box of 10 for 33796
33793	Non intubated CO ₂ nasal cannula - pediatric - box of 10 for 33796
33794	Non intubated CO ₂ +O ₂ nasal cannula - adult - box of 10 for 33796
33795	Non intubated CO ₂ +O ₂ nasal cannula - pediatric - box of 10 for 33796
33782	EtCO ₂ module (need battery 33798) for 33780 only
33798	Li-ion battery 11.1 V for EtCO ₂ module 33782 only
33787	IBP Kit - disposable - single
33788	IBP Kit - reusable (not autoclavable) - single
33789	IBP Kit - reusable (not autoclavable) - double



TECHNICAL SPECIFICATIONS FOR MONITOR 33777 - 33778 - 33779 - 33780 - 33781

GENERAL		Hearth rate range:		Adjustable Cuff Inflation Pressure	
Dimensions/Weight:	270x185xh 250 mm/4 kg	10-lead: 3/12 channels (33779 only)	Adult: 30-300 bpm	Respirations	
Trace:	6 waveform (ECGx2, SpO ₂ , RR or EtCO ₂ IBPx2)	Neonate/pediatric: 30-350 bpm	± 1 bpm or ± 1%, whichever is greater	Range:	5 to 120 breaths/min
Indicators:	categorized alarms (3 priority levels), visual alarm lamp handle, heart rate, SpO ₂ pulse pitch tone, battery status, external power LED	Diagnostic mode: 0.67-150 Hz	Sweep speed: 6.25, 12.5, 25, 50 mm/sec	Accuracy:	± 1 breath/min
Thermal printer:	25, 50 mm/sec (paper width 58 mm)	Monitoring mode: 0.67-40 Hz	Filter:	Apnea alarm:	yes
Battery:	Li-ion (2 hours operating time)	Surgical mode: 5-25 Hz	S-T Segment detection range:	Temperature Unit	Range:
Interfaces:	LAN digital output for transferring date, Nurse call system connection, defibrillator sync. output	-2.0 to 2.0 mV	Arrhythmia analysis:	Range:	15° to 45°C (59°F to 113°F)
DC input connector:	12 to 18 VDC, 2.5A max	Asystole, Vtach, Vfib, Bigeminy, Accvent Couplet, Irregular, Pause, Pvc, Ront, Trigeminy, Vbrady, Shortrun	Diagnosis analysis:	Accuracy:	± 0.1°C
Operating voltage:	100-240 V, 50-60 Hz	120 kinds (33779 only)	Pacemaker detection mode:	Compatible with:	YSI Series 400 Temperature Probes
SpO ₂	% Saturation Range: 0% to 100%	Indicator on waveform display (user selectable)	Protecion: against electro-surgical interference and defibrillation	IBP	Channels:
Pulse Rate Range:	0 to 254 bpm	Measurement Modes:	NIBP	Channels:	2
SpO ₂ Accuracy:	70% to 100% ± 2 digits	Manual-Automatic-Continuous	Technique:	Measuring range:	2-50 to 300 mmHg
Pulse Rate Accuracy:	± 2 bpm	Adult pressure: 20 to 260 mmHg	Oscillometric with linear deflation	Measuring accuracy:	± 1 mmHg (<100 mmHg)
ECG	Lead type: 3-lead, 5-lead (33777-33780), 10-lead(33779)	Pediatric pressure: 20 to 230 mmHg	Manual-Automatic-Continuous	Pulse rate counting range:	0 to 300 beats/min
Lead selection:	3-lead: I, II, III (33777/79/80/81)	Neonate pressure: 20 to 120 mmHg	Adult pressure: 20 to 260 mmHg	Zero balancing:	accuracy ± 200 mmHg
	5-lead: I, II, III aVR, aVL, aVF, V (33780/1 only)	0 to 300 mmHg	Pediatric pressure: 20 to 230 mmHg	Transducer sensitivity:	accuracy ± 1 mmHg
	10-lead: I, II, III aVR, aVL, aVF, V1, V2, V3, V4, V5, V6	Systolic: 40 to 270 mmHg	Neonate pressure: 20 to 120 mmHg	EtCO ₂	drift ± 1 mmHg over 24 hours
(33779 only)	ECG Waveforms:	Mean: 20 to 230 mmHg	0 to 300 mmHg	Measurement mode:	5µV/V mmHg
	3-lead 1 channel (33777/79/80/81 only)	Diastolic: 10 to 210 mmHg	Diastolic: 10 to 210 mmHg	Measurement range:	0-99 mmHg
	5-lead: 3/7 channels (33777/79/80/81 only)			Resolution range:	0-150 bpm
				Accuracy:	± 2 mmHg, 0-40 mmHg
				Resolution:	± 5%, 41-76 mmHg
					± 10%, 77-99 mmHg
					± 1 breath per minute

ECG CABLES FOR MONITORS

GIMA code	ACCESSORIES FOR CODES 33718, 33719, 33720, 33721, 33722, 33723, 33724, 33780, 33781	ACCESSORIES FOR MONITOR BM3 and BM5	
		NEW (after 6/2006)	OLD (before 6/2006)
33711	3-lead patient cable kit (cable+snap connectors 33748)		
33712	5-lead patient cable kit (cable+snap connectors 33749)		
33726	3-lead patient cable kit (cable+snap connectors 33750)		
33728	5-lead patient cable kit (cable+snap connectors 33751)		
33727	3-lead veterinary cable kit (cable+3 clip connectors)		
33713	3-lead veterinary cable kit (cable+3 clips connects)		
33748	3-lead snap connectors for 33711 - spare - new		
33749	5-lead snap connectors for 33712 - spare - new		
33750	3-lead snap type connectors for 33726 - spare - old		
33751	5-lead snap type connectors for 33728 - spare - old		
33752	Vet 3-lead clip type connectors for 33726-7 - spare - old		
33753	Vet 5-lead clip type connectors for 33728 - spare - old		
33760	Vet 3-lead clip type connectors for 33713 - spare - new		
33761	Vet 5-lead clip type connectors for 33712 - spare - new		
33762	3-lead patient cable		
33763	5-lead patient cable		
ECG CABLES FOR 33777, 33778, 33779			
33764	3-lead patient cable kit (cable + snap connector)		
33765	10-lead patient cable kit (cable + snap connector)		
33766	3-lead veterinary cable kit (cable + clip connector)		

BM3 & BM5 MONITOR ACCESSORIES

GIMA code		ACCESSORIES FOR BM3 AND BM5			
33738	NIBP	Extension cable, 3 m (necessary for all cuffs)			
33735		Adult cuff - 49x15 cm - need ext. cable 33738			
33736		Child cuff - 35x11 cm - need ext. cable 33738			
32848		Obese cuff 62x75.5 - need ext. cable 33738			
33737		Kit of 3 neonatal cuffs - needs cable 33738			
32810		Mini cuff 16x5 cm - needs 33738+33739			
32811	Mini cuff 23x5 cm - needs 33738+33739				
33739	Metal connector (necessary for mini cuff)				
33740	Temp	Temperature sensor exacon 2.75 m, skin type			
33741		Temperature rectal sensor			
33743	Paper	Thermal paper 57.5 mm, 38 Ø			
33742	Battery	Ni-MH 12V battery - up to january 2006** - BM3, BM3 Plus			
33715		Ni-MH 12V battery - Since january 2006** - BM3, BM3 Plus			
33717		Li-ion battery - Since sept. 2007** - new BM3, Plus, BM5			
33798		Li-ion battery 11,1 V - 6 cell for EtCo ₂ - for 33782 only			
33747	Adapter	AC adapter			
33744	Jack	Direct vehicle cigar jack (12 V dc)			

*** Date is approximatively. Please select battery on the base of picture and specifications*

BM3 & BM5 SpO₂ SENSORS - NELLCOR COMPATIBLE

GIMA code		ACCESSORIES FOR BM3 AND BM5			
33733	SpO ₂	Extension cable*, 2 m (7 pin small SpO ₂ connector) up to 2005			
33734		Extension cable*, 2 m (6 pin SpO ₂ connector) sold in 2005/6/7			
33716		Extension cable*, 2 m (7 pin big SpO ₂ connector) since 2007			
33730		Adult reusable finger probe Nellcor comp.			
33731		Pediatric reusable finger probe - Nellcor comp.			
33732		Vet reusable probe - clip			
33755		Disposable infant probe - under 3 kg - Nellcor comp.			
33756		Disposable child probe - 3-15 kg - Nellcor comp.			
33757		Disposable pediatric probe - 15-45 kg - Nellcor comp.			

** Necessary for all probes. Please select correct one*
*** All probes are suitable also for OXY-9*

SENSORS COMPATIBLE WITH BCI, NELLCOR, COMDEK

Sensor Picture	Socket Picture	GIMA code	Description	Recommended use	Patient range	Preferred application	Cable length	Min. order	To be used with GIMA codes	Compatible with
		34296	Infant probe	Disposable	under 3 kg	hand or foot	55 cm	box of 10 pcs.	34286, 34290, 34291, 33702 (need extension cable 34299)	BCI - Comdek
		34297	Child probe	Disposable	3-15 kg	finger or toe	55 cm	box of 10 pcs.	34286, 34290, 34291, 33702 (need extension cable 34299)	BCI - Comdek
		34298	Pediatric probe	Disposable	15-45 kg	finger or toe	55 cm	box of 10 pcs.	34286, 34290, 34291, 33702 (need extension cable 34299)	BCI - Comdek
		34300	Adult probe	Disposable	over 40 kg	finger or toe	55 cm	box of 10 pcs.	34286, 34290, 34291, 33702 (need extension cable 34299)	BCI - Comdek
		34292	Adult probe	Reusable	over 40 kg	finger	145 cm	1 pc.	34286, 34290, 34291, 33702	Comdek
		34294	Child probe	Reusable	3-15 kg	toe	40 cm	1 pc.	34286, 34290, 34291, 33702 (need extension cable 34299)	BCI - Comdek
		34293	Adult probe	Reusable	over 40 kg	ear	120 cm	1 pc.	34286, 34290, 34291, 33702 (need extension cable 34299)	BCI - Comdek
		34299	Extention cable	Reusable	-	finger or toe	150 cm	1 pc.	34286, 34290, 34291, 33702 34293, 34294	BCI - Comdek
		34288	Extention cable	Reusable	-	finger or toe	150 cm	1 pc.		Nellcor - Bionics
		34283	Adult probe	Reusable	over 40 kg	finger		1 pc.	34281, 33290, 33291	Nellcor - Bionics
		33288	Adult probe	Reusable	over 40 kg	finger		1 pc.	33280, 33281	Bionics (BPM-300 only)
		33708	Vet probe	Reusable	VET	tongue	145 cm	1pc.	33703	BCI - Comdek

HOSPITAL PULSE OXIMETERS



Weight: 240 g

34290

- 34290 MD-600 PULSE OXIMETER with alarms
- 34291 MD-630 PLUS PULSE OXIMETER with alarms, printer and PC connection (USB)

Small, light-weight pulse oximeters with high accuracy and reliable performances:

- adjustable SpO₂ and pulse alarm settings
- quick assessment of oxygen saturation and pulse rate
- hand-held unit, easy to operate
- with SpO₂ and pulse rate display

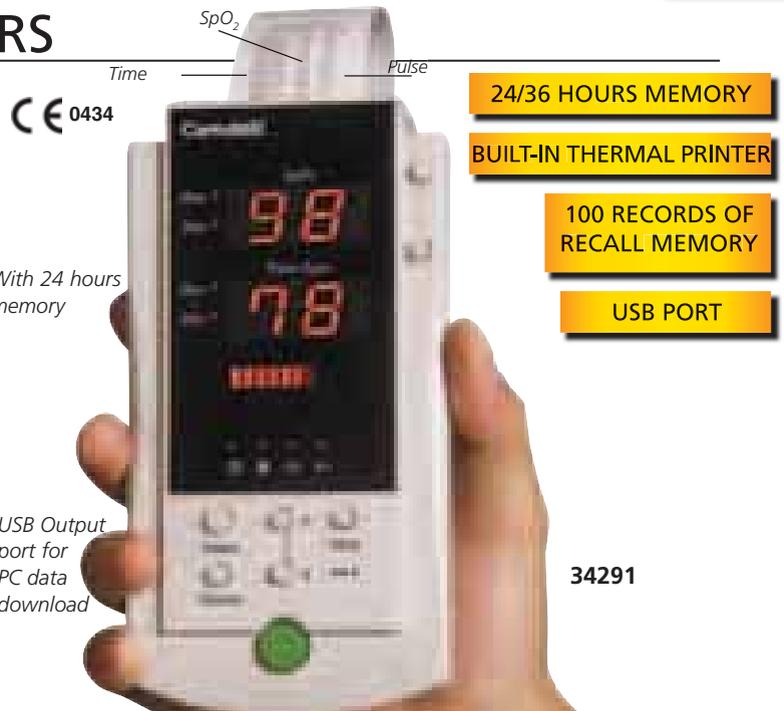
- 34295 THERMAL PAPER - for code 34291
- 33704 PC-SMART LINK SOFTWARE - for code 34291

STANDARD ACCESSORIES (codes 34290-34291)

- 1 AC/DC Adaptor
- 4 AA Batteries - alkaline
- 1 Carrying bag
- 1 SpO₂ standard adult sensor
- 1 User manual (English, Italian, French, Spanish)

Easy analysis of patient data and statistics

33704



CE 0434

With 24 hours memory

USB Output port for PC data download

34291

- 24/36 HOURS MEMORY
- BUILT-IN THERMAL PRINTER
- 100 RECORDS OF RECALL MEMORY
- USB PORT

Code 34291 with built-in thermal printer allows immediate data printing. Moreover it provides 36 hours memory (with interval of 6 seconds) or 24 hours (with interval of 4 seconds) with possibility to recall up to 100 records (print out the last records up to 240 seconds). Tone function and adjustable volume. Safe, fast and convenient it becomes the essential and most important equipment in first aid, ICU and anesthesiology system.

TECHNICAL SPECIFICATIONS (codes 34290-34291)

- Oxygen saturation range: 0% to 100%
- Pulse rate range: 30bpm to 250bpm
- Display: oxygen saturation, pulse rate, a pulse search indicator, low battery indicator
- SpO₂ accuracy: +/- 2% between 80% to 100%
+/- 3% between 65% to 79%
below 65% not specified
- Pulse accuracy: +/- 1% of full scale
- Range alarm setting: SpO₂ upper limit: 100%
SpO₂ lower limit: 50%
pulse rate upper limit 250 bpm
pulse rate lower limit 30 bpm
- Power requirements: DC 6 volts by 4 alkaline AA size batteries
AC adaptor output DC 6 Volts, 600 mA
- Dimensions: 172x90x36 mm (34290) - 170x88x44 mm (34291)
- Weight: 240 g - 300 g (34291) - without battery
- Warranty: 1 year (SpO₂ sensor 6 months)

OXY-100 HAND-HELD PULSE OXIMETER

- 34342 OXY-100 PULSE OXIMETER
- Compact pulse oximeter for hospital and rescue applications to monitor SpO₂, pulse rate, and perfusion index(PI). SpO₂ can be displayed in numbers with bar-graph of pulse as well as full display of plethysmogam.

Features:

High accuracy and repeatability.

TECHNICAL SPECIFICATIONS

- Oxygen saturation range: 0% to 99%
- Pulse rate range: 30bpm to 240bpm
- Perfusion index (PI) range: 0,2% to 25%
- Display: oxygen saturation, pulse rate, pulse strength, low battery indicator, perfusion index
- SpO₂ accuracy: +/- 2% between 99% to 75%
+/- 3% between 75% to 50%
below 50% not specified
- Pulse accuracy: +/- 2% of full scale
- Range alarm setting: SpO₂ upper limit: 90%
SpO₂ lower limit: 85%
pulse rate upper limit 120 bpm
pulse rate lower limit 50 bpm
- Power requirements: 3 alkaline AA size batteries 3.6 V - 5.0 V
continuous working time >30 hours
- Dimensions: 145x74x29 mm - Weight: 210 g
- Warranty: 1 year (SpO₂ sensor 6 months)

- Visual and audible alarm, with adjustable limits.
- 70-hours data storage and review (with 1/2/4/8 sec.).
- Automatic power-off.

• 34344 SOFTWARE

This software allows to download and store all measurements on a PC through USB port.

- 34345 ADULT SpO₂ PROBE - spare



Output for USB

3 ways switchable display to show: numbers, number and waveform, waveform



Portable and lightweight



Veterinary oximeter see page 204

Size:
170x88x44 mm

72 hours memory with trend function

SPO₂ PLETHYSMO MONITOR

Long battery life: 4 hours
(20 hours for full charging)

Auto gain control for fast response
and accurate measurements

34281



Nellcor compatible
output for SpO₂ probes

LCD display: 240 x 64 mm

Handle
for transport

• 34281 BPM-200 PULSE OXIMETER

with monitor, printer output and installed battery

The portable BPM-200 is an electronic pulse oximeter for measuring oxygen saturation of arterial blood and pulse rate of patient. Plethysmographic waveform display up to 12 hours of patient trends. Finger adult probe and battery are included.

• 34287 BATTERY FOR BPM-200

• 34283 SpO₂ FINGER-PROBE - adult or child over 15 kg

TECHNICAL SPECIFICATIONS

Power supply: 100-240 V, 50/60 Hz
Battery pack: lead acid battery pack (12 Volt)
Range: saturation 35-100% ; pulse rate: 30-250 bpm
Output for SpO₂ and pulse rate
Size: 75 x 225 x 175 mm - 3.5 kg
User manual (English, Italian)

CE 0123

Made in Korea

ETCO₂+SPO₂

PORTABLE OXI-CAPNOGRAPHY MONITOR

• 33702 OXY CAPNOGR. HUMAN

• 33703 OXY CAPNOGR. VET

Portable multifunctional Capnography monitor providing SpO₂, pulse, EtCO₂, Respiration with accuracy and reliable performance. Light and large LCD display providing graphical SpO₂, EtCO₂ and Trend function all in one design. Through optional software link to PC via USB. Supplied with adult sensor, AC adapter, sampling tube, airway adapter, filter cartridge, carrying bag, 4 AA rechargeable batteries.

• 33705 FILTER - box of 10

• 33706 SAMPLING TUBE 1.2 m - box of 20

• 33704 PC SMART LINK SOFTWARE - optional

For analysis of patient data, statistics of SpO₂/Pulse/EtCO₂/Resp. distribution

TECHNICAL SPECIFICATIONS

	Range	Accuracy
SpO ₂ Saturation :	0% to 100%	±2% between 80% to 100%
Pulse Rate :	30 bpm to 250 bpm	±1% of full scale
	Range	Average
EtCO ₂ :	0 mmHg to 100 mmHg	4 breaths of EtCO ₂
Respiration:	0 l to 99 l	8 breaths of respiration rate
Memory: 72 hours		
Output interface: USB		
Default Alarm Settings:		
SpO ₂ upper limit: 100%		SpO ₂ lower limit: 50%
Pulse rate upper limit: 250 bpm		Pulse rate lower limit: 30 bpm
EtCO ₂ upper limit: 100 mmHg		EtCO ₂ lower limit: 0 mmHg
Resp upper limit: 99 bpm/min		Resp lower limit: 0 bpm/min
Power 4 AA rechargeable batteries 6 volts or AC/DC adapter		



OXY-9 HANDY PULSE OXYMETER

• 34280 OXY-9 PULSE OXYMETER - human

• 34267 OXY-9 PULSE OXYMETER - veterinary(*)

CE 0123

Compact pulse-oxymeter with alarms and rechargeable battery easy to use and move. Since it is charged during operation, users can use it for a long time.

Alarm sound in case of exceeding setting limits.

- real time SpO₂% and Heart Rate (BPM)
 - one touch operation and icons for easy operation
 - max/min setup (SpO₂ /BPM)
 - 3AA rechargeable battery for over 10 hours
- Supplied with SpO₂ standard reusable sensor, extension cable, rail clamp, rechargeable battery and recharge transformer.

• 33730 ADULT REUSABLE FINGER PROBE - spare

• 34268 RECHARGEABLE BATTERY

• 34269 EXTENSION CABLE - spare

Disposable probes 33755/6/7 available at page 160

• 33731 PEDIATRIC REUSABLE FINGER PROBE

• 33732 VET REUSABLE PROBE - clip



Size: 65x133x30 mm

TECHNICAL SPECIFICATIONS

Oxygen saturation range:	40% to 99%
Accuracy (%SpO ₂):	± 2% between 100% to 80%
Pulse rate range:	30 bpm to 300 bpm
Accuracy (pulse):	± 1 bpm of full scale
Ac adaptor:	input 100-240V, 50-60 Hz, 1.2A output +12V, 3.5A
Battery:	3AA NiMH, rechargeable
Battery life:	approx 12 hours after 8 hours recharge

(*) Lingual type sensor used to "tongue". Sensor is suitable for medium size tongues (cat, dog, small horse...)



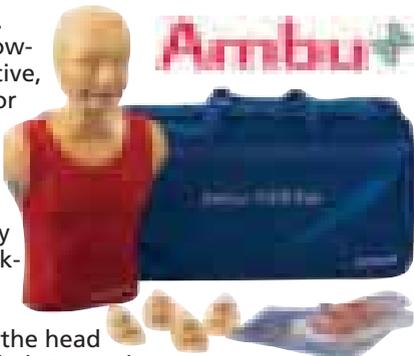
AMBU TRAINING MANIKINS

• 34040 AMBU® CPR PAL

The Ambu CPR Pal is a low-priced, simple, yet effective, training manikin ideal for ACD CPR. The Ambu patented hygienic system protects the student and makes internal cleaning entirely unnecessary and the look-listen-feel concept aids knowledge retention.

The airways open when the head is correctly hyper-extended. Stomach inflation is indicated by a whistling sound. Jaw thrust possible. Lightweight and sturdy, hence it can be easily transported. It is supplied in a soft carrying bag with 5 mouth/nose pieces, 50 disposable head bags. Totale manikin length 73 cm, weight 2.7 kg

• 34041 HEAD BAG - box of 100 pcs



• 34042 AMBU AIRWAY MAN

The Ambu Airway Man is an adult-sized training manikin that provides an exceptionally lifelike representation of the human anatomy. Mechanical instrument gives you instant feedback on ventilation volume, stomach inflation, chest compression depth in mm and wrong hand position. Easy change of scale plates on the mechanical monitor instrument.

PC connection is possible, allowing connection of Ambu CPR Software Kit, Ambu CPR Printer or USB Interface.

Make intubation possible with ET tube, Guedel, Laryngeal Mask and combi-tube. Ambu Airway man includes torso with hooks for arms, computer interface, supplied in track suit jacket and training mat

• 34043 ARMS COMPLETE

• 34046 LEGS WITH TROUSERS AND BAG

• 34048 AMBU CPR SOFTWARE KIT (5 selectable languages)

Jaw thrust possible

Adjustable stiffness
of the chest



Size: 80x35 cm
Weight: 13 kg

OXY-5 OXIMETER



• 34282 OXY-5 FINGERTIP OXIMETER
To monitor pulse oxygen saturation and pulse rate through patient's finger (adult/child over 5 years). Small, light, easy to use it is ideal in hospital, medical center, home, before and after sport.

- Lower voltage alarm display
- Easy to use with one-key operation
- High accuracy and repetibility
- Automatic power-off in 8 seconds (if finger not in)
- SpO₂ and pulse monitoring, and histogram of pulse display.
- 8 language manual (English, French, Italian, German, Spanish, Greek, Portuguese, Arab)

TECHNICAL SPECIFICATIONS	
Oxygen saturation range:	50% to 99%
Pulse rate range:	30 bpm to 240 bpm
LCD Display:	oxygen saturation, pulse rate, low battery indicator
SpO ₂ accuracy:	±2% between 75% to 99% ±3% between 50% to 75%
Pulse accuracy:	± 2 bpm
Class:	Class II, IEC 60601-1, 60601-1-2, ISO 9019

OXY-6 - WITH ALARMS



• 34285 OXY-6 COLOUR FINGERTIP OXIMETER - with alarms
Similar to Oxy-5 but with improved features:

- colour high quality OLED display
- SpO₂, pulse rate and P.I. (perfusion index)
- histogram of pulse rate
- waveform of SpO₂ display
- audible and visual alarm (SpO₂ and pulse rate)
- display direction adjustable
- automatic power ON when finger is in, and power OFF in 8 seconds when finger is out.

TECHNICAL SPECIFICATIONS			
	RANGE	ACCURACY	RESOLUTION
Pulse rate:	30-240 bpm	± 2 bpm (2%)	1bpm
SpO ₂ :	35%-99%	±2% (75-99%) ±3% (50-75%)	1%
Perfusion Index:	0-20%	±0.1% (0,2-2%) ±0.2% (2-10%)	0-1%
Alarm:	SpO ₂ : low limit 90%		
	Pulse rate: low: < 50 bpm - high > 120 bpm		
Power:	1.5V (AAA size) alkaline battery x 2		
Norms:	IEC 60601-1-2 Class II		

OXY-PED



• 34266 OXY-PED PEDIATRIC OXIMETER
Similar to Oxy-6 but especially studied for pediatric use. Input shaped to fit children's fingers from the age of 2 years (finger Ø 8-16mm). It is supplied with two rechargeable batteries and USB battery recharger. All other specifications are like OXY-6 model.

• 34270 RECHARGEABLE BATTERY - spare



TECHNICAL SPECIFICATIONS			
	RANGE	ACCURACY	RESOLUTION
Pulse rate:	30-240 bpm	± 2 bpm (2%)	1bpm
SpO ₂ :	35%-99%	± 2% (75-99%) ± 3% (50-75%)	1%
Perfusion Index:	0-20%	± 0.1% (0-20%) ± 0.2% (20-25%)	0-1%
Alarm:	SpO ₂ : low limit 90%		
	Pulse rate: low: < 50 bpm - high > 120 bpm		
Power:	3.2V rechargeable batteries		
Norms:	IEC 60601-1-2 Class II		

PALM OXIMETER



• 34289 PALM PULSE OXIMETER
Accurate and precise palm-sized pulse oximeter to meet your needs. Carried for spot-checking and short-term monitoring it presents an optimal performance with easy operation.

Fast: Catch SpO₂ & Pulse rate requires only 6 seconds. **Smart:** Audible sound assists users to detect patients' status

Accurate: Accuracy +/- 1% between 100% to 80%.

TECHNICAL SPECIFICATIONS	
Oxygen saturation range:	0% to 100%
Pulse rate range:	30bpm to 250bpm
Display:	oxygen saturation, pulse rate, low battery indicator
SpO ₂ accuracy:	+/- 1% between 80% to 100%
Pulse accuracy:	+/- 1% of full scale

WRIST OXIMETER



• 34340 WRIST PULSE OXIMETER - with software
Small and lightweight wrist Oximeter available for home and clinical in long-term and comfortable monitoring. It can be simply worn on the patient's wrist as a watch to start the monitoring, and can be used in sports to measure SpO₂ and pulse rate (PR).

- Audible and visual alarm with adjustable alarm limits
- trend review function of SpO₂ and PR
- selectable storage modes: 1 group/1s, 1 group/4s, and 1 group/8s
- Up to 70 hours storage for SpO₂ and PR data in default mode (1 group/8s)
- Clock setting and date display function
- Software to download and store all measurements on PC included.

MIR-OXI



• 33535 MIR-OXI - with software and alarms
A real oximeter lab with unique functions:

- up to 1,000 hours recording (2 or 4 sec intervals).
- direct printer connection via Bluetooth®.
- test data archived recalled using patient name
- graphic display with userfriendly icons.
- internal memory, with back-up for up to 10 years.
- patient alarm for SpO₂ and BPM

Supplied with USB cable, carrying case, adult reusable probe, 4 AAA alkaline batteries and winspiroPRO software.

Software with 4 application modes:

- Sleep oximetry with desaturation analysis.
- 6 Minute Walk Test.
- short and long term recording.
- real time test on PC.

Made in Italy.

DUAL MODE DEFIBRILLATORS: AED+MANUALS

WITH SpO₂

AED
+
MANUAL



33571



33581

These two defibrillators can be used both in automatic (AED) and manual modality.

Main features:

- Synchronized cardioversion
- ECG monitoring mode (3 lead ECG cable)
- SpO₂ monitoring with Nellcor SpO₂ module (only CU-ER3)
- Heart rate and SpO₂ alarm system (only CU-ER3)
- CPR coaching in AED
- Efficient e-cube biphasic truncated exponential shock waveform
- Versatile power supply
- Intelligent data management system
- ECG of patient is recorded all throughout the rescue operation, relevant events (e.g. shock advised, charging, shock delivery) are recorded together with timestamp
- Recorded data may be transferred to a PC for archiving and review or may be reviewed in the device
- Lightweight 2.7 kg (CU-ER2) 2.8 kg (CU-ER3) and highly portable.
- Supplied with rechargeable battery, battery charger, adult pads with cable, SpO₂ module (CU-ER3 only), user manual and carrying bag.

Voice version and manual	English	Italian	Spanish	French	Portuguese	Other languages*
CU-ER 2	33570	33571	33572	33573	33574	33575
CU-ER 3	33580	33581	33582	33583	33584	33585
GIMA code	ACCESSORIES FOR CU-ER 2 AND CU-ER 3					
33565	Disposable pads - kit of 2 pcs				*German, Czech,	
33566	Pediatric disposable pads - kit of 2 pcs				Japanese, Thai,	
33567	ECG cable - 3 lead				Chinese, Dutch.	
33404	Communication connector + software for event recording download with key file					
33568	Car cigar lighter jack					
33730	Nellcor compatible SpO ₂ probe (only for CU-ER3)					
33563	Rechargeable battery					
33564	Battery charger					

TECHNICAL SPECIFICATIONS

- **ECG Monitor**
 - Patient connection: defibrillation pads. ECG electrodes
 - Bandwidth: monitoring mode: 0.3 to 40Hz (-3dB)
 - EMS mode : 1 - 30Hz
 - Heart rate: digital 30 to 300 bpm (±3bpm)
- **Defibrillator**
 - AED + manual mode: variable energy level selection in 12 steps: 2,3,5,7,10,20,30,50,70,100,150,200,205
 - Waveform: e-cube biphasic (biphasic truncated exponential type)
- Charging time: less than 10 seconds
- Sensitivity & specificity: meets MMIGuidelines
- Defibrillation electrodes: multifunctional electrodes (disposable, pre-gelled)
- **SpO₂ (CU-ER3 only)**
 - Pulse rate: 20-250 bpm (±3bpm)
 - Saturation: 70-110% (± 3 digits)
- **Voice & text prompts**
 - Voice prompts guide the user through the rescue protocol
 - All user interfaces are supported in local language
- **Data storage & management**
 - Internal flash memory: 12 hours of event and ECG recording
 - Review the patient ECG, incident details and device information
 - Transmit multi patient data to PC
- **Display**
 - Screen type: high resolution display (Graphic LCD)
 - Screen size: 4 inches (10.16 cm) diagonal. 320x240 pixels
 - Sweep speed: 25mm / sec. nominal
 - Viewing time: 3.2 seconds
- **Automatic self-test**
 - Power on self-test / Run time self-test / Manual self-test
 - Periodic self-test (daily/weekly/monthly)
- **AC adapter**
 - Input : 100 - 240V AC 50/ 60Hz 170VA
 - Output: +12V DC 3.6A
- **Battery pack**
 - 12V 4.5Ah nickel-metal hydride battery pack (rechargeable)
 - Charging time: minimum of 4 hours for full charging
 - Capacity: when new, minimum of 200 shock deliveries (fully charged)

DEFI-B BATTERY AND DEFI-N MAINS OPERATED DEFIBRILLATORS



33380

In emergency situation the well structured and logical operator guidance may save a life

Suitable for adult and children (reference norms ERC 2005 use of joule depending on kg).

Compact and handy: PRIMEDIC DEFI-B is easily transportable and immediately ready to use everywhere

version and has proved successful in daily use in ambulances, with cardio sport groups and in hospitals. DEFI-N is a mains operated version. The convincing advantages: PRIMEDIC DEFI-B and DEFI-N are quickly ready to use, DEFI-B not mains dependent due to large accumulator capacity. After switching on the defibrillators, an internal self-test with error diagnosis is carried out automatically. Pictograms and a clear program run, to ensure functional handling. A shock-resistant plastic casing protects the device, especially in hard conditions.

• 33381 SPARE BATTERY

TECHNICAL SPECIFICATIONS

- Mode: Asynchronous, external defibrillator
- Energy step: 20, 50, 100, 160, 250, 360 Joule
- Discharges: 45 shocks with 360 Joule, (10 reserve after signal "battery low")
- Charging time:
 - 2 sec (33380-2) and 4 sec (33383) up to 100 Joule,
 - 4.5 sec (33380-2) and 7.6 sec(33383) up to 360 Joule
- Paddles for children integrated
- Accumulator: 14.4V/1.4 Ah (33380-2 only)
- Charging time: 3.5 hours (33380-2 only)
- Safety:
 - Internal discharge of energy after 15 sec.
 - Internal self-testing and fault recognition
 - Protection class II, type BF
- Mains voltage: 200-240 V 50/60 Hz or 110 V
- Dimensions: 40x48x12 cm (W x D x H)
- Weight: 8.5 kg



- 33380 DEFI-B DEFIBRILLATOR - 220V
- 33382 DEFI-B DEFIBRILLATOR - 110V
- 33383 DEFI-N DEFIBRILLATOR - 220V

The mobile security: PRIMEDIC DEFI-B and DEFI-N are a state-of-the-art accumulator-driven defibrillators. They were designed in accordance with strict requirements of emergency medical science. Fully developed and reliable technique, worldwide in use for years. PRIMEDIC DEFI-B is a mains-independent

Made in Germany



RESCUE 230 BIPHASIC MANUAL DEFIBRILLATOR

RESCUE 230 BIPHASIC MANUAL DEFIBRILLATOR

A range of 2 professional models with advanced features:

- BTE (biphasic truncated exponential) discharge type
- Impedance compensated energy delivery
- Energy selection from 2 to 230 Joule directly from the front panel.
- Charge time 5 sec for 230 Joule with fully charged battery
- 100 shocks of 230 J with fully charged batteries
- Charge/discharge control from the paddles
- Ecg 'R' wave synchro mode or async mode
- Large (5.7") high resolution backlight LCD display (320x240 dots)
- ECG through the paddles or through patient cable
- Adjustable HR and SpO₂ alarms limits

- **33447 RESCUE 230 BIPHASIC DEFIBRILLATOR - 220V**
- **33457 RESCUE 230 BIPHASIC DEFIBRILLATOR WITH PACEMAKER** (rectangular pulse, pulse duration 22 msec, pulse max amplitude 150V, stimulation frequency 30 to 150 BPM)
- **33448 DISPOSABLE PADDLES - box of 2 - adult**
- **33449 CABLE FOR DISPOSABLE PADDLES**
- **33439 SpO₂ PROBE** • **33250 THERMAL PAPER**

Battery charging car plug on request



TECHNICAL SPECIFICATIONS

Display:

- Large (5.7") high resolution backlight LCD display (320x240 dots)
- ECG through the discharge paddles (1 trace) or through 4 leads patient cable (6 traces): I, II, III, aVR, aVL, aVF.
- Automatic change over when plugging the patient cable
- Filters: 50 Hz/60 Hz, base line, low pass
- Heart rate indicator

Printer:

- Auto printing mode
- Integrated thermal printer for ECG traces and events documentation hardcopy
- Paper speed 5, 10, 25 and 50 mm/sec. (paper width 58 mm)

Safety:

- Two hands safety shock release
- Ecg input isolation CF class
- Internal discharge after 30 sec. of standby after charge

Power supply: internal Ni-Cd high capacity batteries (charging time 95%: 2 hours) universal mains adaptor charger 110/220 VAC, 50/60 Hz

Dimensions: 34 x 26 x 13 cm **Weight:** 5.5 kg **Made in Italy**

STANDARD ACCESSORIES

Internal Ni-Cd high capacity battery	Printer
Carrying case	1 paper roll
Patient cable 4 leads	2 reusable paddles
Manual English, Italian, on request	Mains adaptor charger
Spanish, Turkish	Disposable paddle*+cable*

*Only for 33457

RESCUE LIFE MANUAL AND SEMIAUTOMATIC AED DEFIBRILLATORS

RESCUE LIFE DEFIBRILLATORS

- BTE (Biphasic Truncated Exponential) discharge type
- Impedance compensated energy delivery
- Energy selection from 2 to 230J directly from rotative selector
- ECG "R" wave synchro or asynchro mode
- AED mode in accordance to AAMI DF39 (only 33591)
- Internal memory for 50 hours ECG events and usage review recording
- Brilliant TFT Color display 5.7" backlight, high resolution
- Adjustable HR and SpO₂ alarm limits
- Simple to navigate user interface thanks to multifunctional trim knob



TECHNICAL SPECIFICATIONS

Display:

- High contrast TFT colour LCD 5.7" (320x240 pixel)
- ECG through the discharge paddles (1 trace) or through 3, 10 leads patient cable for 6, or 12 traces and SpO₂ trace and value
- Automatic change over when plugging the patient cable
- Filters: 50/60 Hz, base line, low pass
- Heart rate indicator

ECG monitoring

Bandwidth: 0.5 to 120 Hz (-3db) with filters off

ECG trace parameters:

- Velocity 5, 10, 25, 50 mm/sec.
- Gain 5, 10, 20 mm/mV with patient cable; auto with paddles
- HR digital readout on the display from 20 to 300 bpm (± 2%)
- Alarm: HR max settable 250 bpm, HR min settable 20 bpm

Pulse oxymetry (SpO₂)

- Oxygen saturation range: 0 to 100%
- Pulse rate range: 18 to 300 pulses per minute
- Accuracy SpO₂: 70-100% ± 2 digits for adults using the finger clip sensor

Printer:

- Auto printing mode
- Integrated thermal printer for ECG traces and events documentation hardcopy including SpO₂ in %
- Paper speed 5, 10 and 25 mm/sec.
- Paper width: 58 mm

Safety:

- Two hand safety shock release
- Ecg input isolation CF class
- Internal discharge after 30 sec. of standby after charge

Power supply: internal Ni-Mh high capacity batteries (charging time 95%: 2 hours) universal mains adaptor charger 110/230 VAC, 50/60 Hz

Dimensions: 36 x 24 x 34 cm **Weight:** 5.5 kg **Made in Italy**

GIMA code	RESCUE LIFE DEFIBRILLATOR
33590	Rescue life defibrillator
33591	Rescue life AED defibrillator with pacemaker
33448	Disposable paddles - box of 2 adult
33593	Cable for disposable paddles
33592	SpO ₂ probe
33594	ECG cable 10 leads
33250	Thermal paper

STANDARD ACCESSORIES

Internal Ni-Mh batteries	Printer
1 paper roll	Patient cables 3 leads
2 reusable paddles	Main adaptor charger
Manual: English, Italian	

AUTOMATIC* EXTERNAL DEFIBRILLATORS WITH ECG

EXTERNAL DEFIBRILLATOR - AED

The convincing feature of the new PRIMEDIC™ HeartSave is its easy, safe and speedy operation. With the new biphasic "Current Controlled Defibrillation" pulse, we are setting new standards in defibrillation technology. The device performs an automatic ECG analysis within 12 seconds and decides whether a defibrillation is necessary. Then a touch of a button is enough to trigger the life-saving electric pulse that eliminates the ventricular fibrillation. Thus valuable seconds and minutes are used to save life. A range of 4 models available: use for patients > 8 years or > 25 kg

HEART SAVE AED

Automatic external defibrillator with integrated one-channel ECG, acoustic and optical user guidance and data backup.

HEART SAVE AED-M with monitor

Automatic external defibrillator incl. monitor for indication of operation duration, ECG, heart rate, identified VF/VT.

HEART SAVE 6 with monitor (cardio version)

Same as AED-M with 6-channel ECG leads

HEART SAVE 6S with monitor (cardio version)

Same as SAVE 6 with addition of SpO₂ measurement

STANDARD ACCESSORIES

Lithium Battery (110 shocks) or rechargeable battery with charger
 SpO₂ probe (SAVE 6S only)
 ECG cable 3 leads (SAVE 6 and SAVE 6S only)
 Save pads Briefing protocol Manual

EXTERNAL DEFIBRILLATOR	VOICE VERSION AND MANUAL			
	English Italian Spanish	Greek Portuguese	French* German	Other languages**
With lithium battery - 110 discharges				
HEART SAVE AED	33384	33391	33392	33394
HEART SAVE AED-M with monitor	33385	33396	33397	33399
WITH AKUPAK RECHARGEABLE BATTERY AND POWERPAK CHARGING UNIT				
HEART SAVE AED-M with monitor	33440	-	-	33446
HEART SAVE 6 with monitor	33450	33452	33453	33456
HEART SAVE 6S with monitor	33460	33462	33463	33466

** We can provide other following languages: Russian, Chinese, Iranian, Dutch, Turkish, Czech, Polish, Danish, Swedish, Finnish (only 33394, 33399, 33346), Norwegian, Arab, Brazilian, Hungarian, Thai, Japanese, Rumanian, Lithuanian (only 33394, 33399), Slovenian (excluding 33466), Icelandic (only 33394, 33399, 33446). Please specify with order. * Available in 20 days

ACCESSORIES

Lithium BATTERY - not rechargeable	33387	33387	33387	33387
Akupak Rechargeable battery	33400	33400	33400	33400
PowerPak Battery charger for code 33400	33407	33407	33407	33407
SAVE PADS (self-adhesive electrode, including 2 pole cable, razor and gloves)	33388	33386	33386	33386

High resolution LCD monitor gives important information for resuscitation

CE 0123

Menu button

Connection socket for save pads and ECG cable

Trigger button for real single-button operation. You can save a life with only one button.

Status display

AHA/ERC GUIDELINES 2005 CONFORMITY

IP55 WATER-CLASS-PROTECTED

GERMAN QUALITY

Main features:

- One-button operation
- Intuitive and easily handling
- Status indicator
- Can be operated either from Lithium-Battery or NiCd Akupak
- No energy selection required
- Charging time < 10 sec.
- 3-shock cycle < 60 sec.
- SaveCard, at least 60 minutes, for internal ECG and voice recording
- Regular self-test
- Dim. approx. 26x26x8,5 cm, weight approx. 2 kg
- Made in Germany

33385

Cardiological emergencies require practice and, most of all, promptness. With the automatic start when removing the lid, we set further standards with regard to promptness.



TECHNICAL SPECIFICATIONS

	AED	AED-M	6	6S		AED	AED-M	6	6S
Defibrillation					LCD Monitor				
Wave: biphasic, current controlled pulse	•	•	•	•	95 x 72 mm (diagonal 4.7"/120 mm)	•	•	•	•
Energy 140-360 j	•	•	•	•	320 x 240 (pixel size 0,36 x 0,36 mm)	•	•	•	•
Charging time: < 12 sec	•	•	•	•	Storage battery status display	•	•	•	•
Operating modes: asynchronous	•	•	•	•	Speed 25 mm/s	•	•	•	•
ECG					Heart rate, number of defibrillation, number of VF/VT, total resuscitation time	•	•	•	•
Lead: II	•	•			Electrodes				
I, II, III, aVr, aVf, aVI			•	•	Non polarized electrodes, 2 years storage	•	•	•	•
Patient's impedance range: 20-200 Ohm	•	•	•	•	Cable length 1,5 m	•	•	•	•
Heart rate: 30-300 per min	•	•	•	•	Data backup				
VF:VT Detection					Internal memory 8 MB backup	•	•	•	•
VF/VT Detection	•	•	•	•	Removable memory 128 MB	•	•	•	•
Manual override	•	•	•	•	Voice recording	•	•	•	•
Analysis time 6-12 sec	•	•	•	•	Power supply				
VF threshold 0,2 mV	•	•	•	•	Lithium battery or Rechargeable (Power pack 90-260 V, 50/60 Hz)	•	•	•	•
Asystole threshold <0,2mV	•	•	•	•	Battery:				
Artefact-Pacemaker detection	•	•	•	•	Type Lithium or Rechargeable	•	•	•	•
Pulse Oxymeter					Type LiMnO ₂ NiCd	•	•	•	•
Nellcor				•	Battery storage 5 Years -	•	•	•	•
					Discharges 110 56	•	•	•	•
					Monitoring 11 h 5 h	•	•	•	•
					Voltage 16 V 10,6 V	•	•	•	•

* For European legislation "Automatic Defibrillator" are those with automatic ECG detection. "Automatic" is consequently referred to ECG only while defibrillator is manual.

I-PAD PUBLIC ACCESS DEFIBRILLATOR

The i-PAD NF 1200 is a semi-automatic external defibrillator designed for minimally trained individuals. It provides simple and direct voice prompts and indications for a straightforward rescue operation. It is lightweight and battery powered for maximum portability. It is designed to treat Ventricular Fibrillation (VF) and Fast Ventricular Tachycardia. These two are the most common causes of sudden cardiac arrest (SCA). In SCA, the heart of the victim suddenly stops pumping. The only effective treatment for VF is the application of a defibrillating shock. It may be used on children 1-8 years old (less than 25 kg) with pediatric reduced energy pads, over with adult pads. Supplied with a set of adult pads, lithium battery (150 Shocks or 4 hours operating time), manual. **TRAINER:** simulates all the functions of I-PAD, with 8 standard rescue scenarios.



Voice version and manual	I-PAD DEFIBRILLATOR AND TRAINER					
	Spanish	French	Portuguese	Italian	English	Other languages*
DEFIBRILLATOR	33408	33409	33413	33414	33416	33417
TRAINER	-	-	-	33424	33405	33406
GIMA code	Accessories for I-PAD					
33418	Lithium battery pack			*Available languages: German, Czech, Dutch, Korean, Japanese, Thai, Greek, Polish		
33448	Disposable pads - kit of 2 pcs					
33443	Disposable pediatric pads - kit of 2 pcs					
33422	Carrying bag					
33423	Wall cabinet with alarm sound					
33403	Communication connector + software - for event recording download with key file					



OPERATING MODES		TECHNICAL SPECIFICATIONS	
Operating mode:	Semi-automatic.	Charge time from "Shock advised":	< 10 seconds, typical.
Waveform:	e-cube biphasic (Truncated exponential type); impedance compensated.	Voice instruction:	Voice messages guide through use of defibrillator.
Energy:	200J fixed.	Controls:	Shock Button, i-Button, On/Off Button.
Adult:	nominal 150 J into a 50 ohm load.	Indicators:	7 LEDs (different colors), i-Button.
Shock energy accuracy:	Within ±3% (200J into 50Ω).	Patient isolation:	Type BF.
Shock to shock cycle time:	Typically less than 20 seconds.	Battery:	12 Volt DC, 4.2 Ah, lithium manganese dioxide, disposable long-life primary cell
Protocol:	Voice prompts and indicators guide through protocol.	Battery capacity:	Min.120 Shocks or 4 hours of operating time.
Charge control:	Automatic by Software (Arrhythmia Detection System and Charging Control).	Data recording:	Data Stored: First 40 minutes of ECG and the entire incident's events and analysis decision.
		Size - Weight:	220x281x82 mm - 2.2 kg (4.84 lbs) with battery pack

CU-ER1 PARAMEDIC AUTOMATED EXTERNAL DEFIBRILLATOR

CU-ER1 is an automated external defibrillator with monitor and ECG functions. Main features:

- **Intelligent Arrhythmia Detector**
- **Efficient and effective e-cube Biphasic Truncated Exponential shock waveform**
- **Lightweight and highly portable**
- **Versatile Power Supply**

Rechargeable battery pack, AC/DC adapter, car cigar lighter jack (optional)

- **Intelligent data management system**

ECG of the patient and relevant events are recorded all throughout the rescue operation. Recorded data may be transferred to a PC or reviewed in the device. Supplied with rechargeable battery (minimum 4 hours for full charge), battery charger, adult pads with cable, user manual and carrying bag.

TECHNICAL SPECIFICATIONS	
<ul style="list-style-type: none"> • ECG Monitor - Patient connection: defibrillation pads, ECG electrodes - Bandwidth: monitoring mode: 0.3 to 40Hz (-3 dB) - EMS Mode: 1-30Hz - Heart rate: digital 30 to 300 bpm (±3bpm) • Defibrillator - Waveform: e-cube biphasic (biphasic truncated exponential type) - Charging time: less than 10 seconds - Sensitivity & specificity: meets AAMI guidelines - Defibrillation electrodes: multifunctional electrodes (disposable, pre-gelled) • Voice & text prompts - Voice prompts guide the user through the rescue protocol - All user interfaces are supported in local language • Data storage & management - Internal flash memory: 12 hours of event and ECG recording - Review the patient ECG, incident details and device information - Transmit multi patient data to PC • Display - Screen type: high resolution display (graphic LCD) - Screen size: 4 inches (10.16 cm) diagonal. 320x240 pixels - Sweep speed: 25mm / sec. nominal - Viewing time: 3.2 seconds 	<ul style="list-style-type: none"> • Automatic self-test - Power on self-test / run time self-test / manual self-test - Periodic self-test (daily/weekly/monthly) • AC adapter - Input : 100 - 240V AC 50/ 60Hz - 170VA - Output: +12V DC 3.6A • Battery pack - 12V 4.5Ah nickel-metal hydride battery pack (rechargeable) - Charging time: minimum of 4 hours for full charging - Capacity: when new, minimum of 200 shock deliveries (fully charged)

Voice version and manual	CU-ER1 AUTOMATED EXTERNAL DEFIBRILLATOR					
	English	Italian	Spanish	French	Portuguese	Other languages*
DEFIBRILLATOR	33550	33454	33552	33553	33554	33555
TRAINER	33560	33561	-	-	-	-
GIMA code	Accessories for CU-ER1					
33563	Rechargeable battery			*German, Czech, Korean, Japanese, Thai, Chinese, Russian, Persian.		
33564	Battery charger					
33565	Disposable pads - kit of 2 pcs					
33569	Pediatric disposable pads - kit of 2 pcs					
33567	ECG cable - 3 lead					
33404	Communication connector + software for event recording download with key file					
33568	Car cigar lighter jack					



FIRST AID CERVICAL COLLARS



ONE PIECE FIRST AID COLLAR
Made in polyethylene with washable internal part made in EVA (kind of rubber) fixed to structure by plastic rivets. With a tracheal hole, removable chin support and velcro fastener. X-ray translucent. Available in 6 sizes differentiated by safety closure colour or in a set of 6 in a bag.

GIMA code	ONE PIECE FIRST AID NECK COLLARS
34620	One-piece collar - infant
34621	One-piece collar - paediatric
34622	One-piece collar - stout (bull-neck)
34623	One-piece collar - adult small
34624	One-piece collar - adult medium
34625	One-piece collar - adult large - tall
34626	Set of 6 collars in a bag



TWO PIECES FIRST AID COLLAR
Made in polyethylene with washable internal part made in EVA (kind of rubber) fixed to structure by plastic rivets. With a tracheal hole, removable chin support and velcro fastener on the back. X-ray translucent. Available in 6 sizes differentiated by safety closure colour or in a set of 6 in a bag.

GIMA code	TWO PIECES FIRST AID NECK COLLARS
34630	Two-piece collar - infant
34631	Two-piece collar - paediatric
34632	Two-piece collar - stout (bull neck)
34633	Two-piece collar - adult small
34634	Two-piece collar - adult medium
34635	Two-piece collar - adult large - tall
34636	Set of 6 collars in a bag

AMBU® PERFECT™



Adjustable
in 12 sizes

34640



Adjustable
in 16 sizes

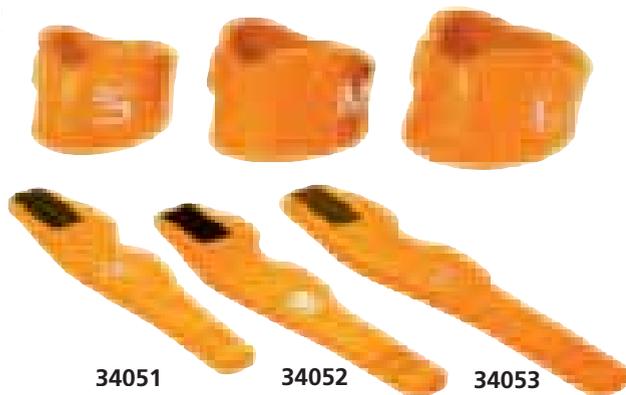
34641

AMBU® COLLARS

Ambu® Perfect™ ACE collars are rigid collars, available in 2 versions, adult and paediatric, both adjustable in different sizes/positions. Adult has 16 adjustments, covering neckless, short, regular and tall. Paediatric has 12 adjustments, covering infant, child, small adult. Made in polyethylene.

GIMA code	ADJUSTABLE NECK COLLARS
34640	Ambu collar paediatric-yellow
34641	Ambu collar adult-white

UNIVERSAL COLLARS



UNIVERSAL CERVICAL COLLARS
Collars made of foam coated PVC. Washable, non toxic, with velcro straps. X-Ray translucent. Available in 3 sizes or in a set of 3 in a bag.

GIMA code	NECK COLLARS
34050	Set of 3 collars in a bag
34051	Cervical collar - small
34052	Cervical collar - medium
34053	Cervical collar - large

SEMIRIGID SPLINT KIT



34119 SEMIRIGID SPLINT KIT

Kit of 3 splints (arm, wrist, leg) in nylon carrying bag. All splints are made of vinyl covered nylon, with lightweight stays providing high strength supports. Adjustable velcro for easy use.

FIRST AID AIR CUSHION AND SEMIRIGID SPLINTS



• 34106 FIRST AID AIR CUSHION SPLINTS

Indispensable instrument for first aid in case of accidents, cutting and crushing injuries. Prevent surface bleeding without stopping the circulation and secure painless transportation of the injured party. The bandage is a transparent cover of PVC easy to clean and reusable, resistant against water and shifting weather conditions. X-rays can penetrate and medical diagnosis can be made without removing the bandage. The long tube (14.5 cm) with the valve make the inflation of the bandage easy, even by the injured party himself.
Set of 4 different pieces: leg, foot, arm, hand in a 4 compartment bag, with inflation pump.

CE



• 34123 BOSTON SPLINTS

Adaptable light-weight splints, x-ray translucent, coated with a non-toxic material which can be easily washed and disinfected. Size cm 92x11. Made in Italy

ALUMINIUM SPLINTS soft lining

With curved edges to avoid harming yourselves. Made in Italy

- 34120 SPLINTS - size 13x500 mm
- 34121 SPLINTS - size 19x500 mm
- 34122 SPLINTS - size 24x500 mm



GIMASPLINTS IN 5 SIZES: LEG, ARM, FOREARM, WRIST AND ELBOW



GIMASPLINTS

These supports immobilize your limbs in an efficient and practical way. Each splint can be shaped to fit the patient's personal need. It ensures a high degree of rigid support: thanks to inner part made of neoprene lined with 100% laminated, absorbent-proof nylon assembled to a rigid metal splint. A velcro band allows a quick fixing. Available in 5 sizes or in a bag set of 5 pieces.

GIMA code	GIMASPLINTS
34680	Splint for leg
34681	Splint for arm
34682	Splint for forearm
34683	Splint for wrist
34684	Splint for elbow/ankle
34685	Set of 5 splints

VACUUM SPLINT KIT

• 34689 VACUUM SPLINT KIT

The set includes vacuum splints for arm (70x50 cm), leg (100x70 cm) forearm (50x30 cm) and a nylon bag. Produced with high quality materials these splints allow perfect immobilization of the lower and upper limbs by removing the air inside. Equipped with an outside valve, to avoid troubles to the patient, and three velcro straps. Made in vinyl covered nylon, x-ray translucent.

- 34084 ALUMINIUM MINI PUMP - for vacuum splints
- 34093 ALUMINIUM PUMP - for vacuum splints and mattress



GIMA STRETCHERS AND SPINAL BOARDS



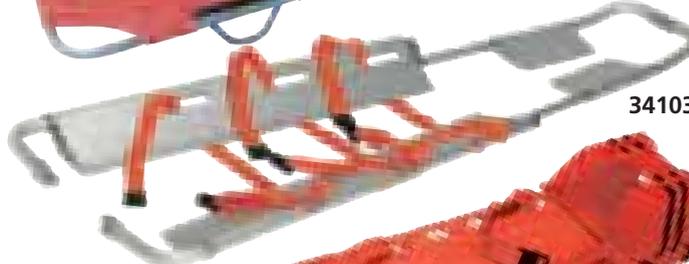
34101



34107



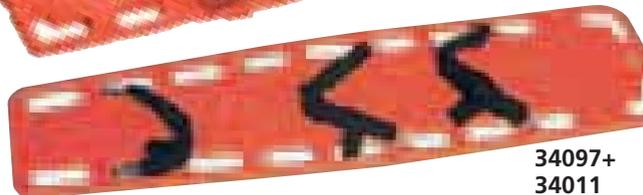
34105



34103



34095+
34080+
34081



34097+
34011

• **34101 GIMA STRETCHER 2 - foldable in 2**
Emergency stretcher is sturdy, but lightweight in construction, with aluminium frame and three solid iron cross-bars for heavy use. Reinforced nylon bed, fluid repellent and anti-tearing.

• **34107 GIMA STRETCHER 4 - foldable in 4**
Made of high strength alloy material and water-tightness material. Light weight, easy to carry, foldable in 4. Length foldable in 2 parts, width foldable in 2 parts.

• **34105 STACKABLE STRETCHER - foldable in 2**
Used in small rooms where it is necessary to store a large number of stretchers. PVC does not absorb blood or body fluids. Strong lightweight aluminium construction with vinyl coated polyester

• **34103 SCOOPING STRETCHER**
A wonderfully practical scooping stretcher makes it possible to put the stretcher under the patient without moving him/her much. The shape of the stretcher has been designed to immobilise the patient in the best way during transport.
- effective hooking and unhooking device for stretcher uncoupling
- adjustable stretcher length with automatic locking device
- bag with 3 quick unhooking safety belts for patient immobilisation
- once folded can be easily stored inside the ambulance
- completely built in light and sturdy aluminium

• **34095 SPINAL BOARD**
100% x-ray translucent, washable, disinfected and impervious to all fluids. Compatible with all head-immobilisation devices and strapping system. Buoyant. Colour orange.

• **34097 SPINAL BOARD WITH SAFETY PINS**
Strong and lightweight high density PE spinal board, with two fibre reinforced plastic stays. Provided with metal pins for better fixation of immobilisation belts Excellent for water rescues.



Metal pins



2 fibre reinforced plastic stays

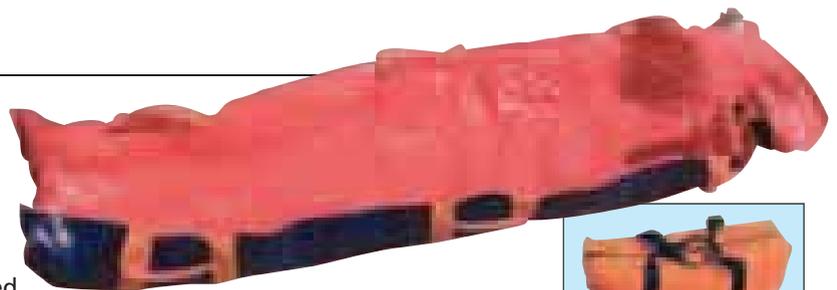
TECHNICAL SPECIFICATIONS	GIMA 2	GIMA 4	STACKABLE	SCOOPING	SPINAL	SPINAL WITH PINS
Open size cm:	203x50x14	221x53x16	195x54x3	min 171x43 max 212x43	183x40x4.5	183x46x5
Folded size cm:	96x50x17	104x19x12	96x54x3	120x43	-	-
Weight:	6 kg	5 kg	4 kg	8 kg	7.6 kg	7 kg
Load:	120 kg	130 kg	200 kg	150 kg	150 kg	200 kg

VACUUM MATTRESS

• **34089 MAT PLUS VACUUM MATTRESS**
PVC, X-ray translucent mattress provided with 4 immobilization straps and 12 transport holes. Suitable for any kind of emergency situation. Size: 210x90 cm. Weight: 11.2 kg. Loading capacity: 150 kg. Supplied in nylon bag size 86x43x17 cm, pump not included.



34089



34088



• **34088 MAT VACUUM MATTRESS**
PVC, X-ray translucent mattress with 6 transport handles, perfectly fit the patient body. Sturdy material and careful execution make it suitable for Civil Defence, Fire Brigades, Industry and First-aid on the mountains. Size: 200x75 cm. Weight: 8.8 kg. Loading capacity: 150 kg. Supplied in nylon bag size 70x43x15cm, pump not included.

• **34093 ALUMINIUM-PUMP for vacuum mattress**
• **34094 REPAIR KIT**



34093

HEAD IMMOBILIZERS



34020



34021



34079



34080

Radiolucent material, suitable for x-ray chamber

HEAD IMMOBILIZERS

GIMA introduces four models of head immobilizers, different in shape, material and colour. All are composed of two head blocks and two straps to prevent any head movement of the injured person during transport.

GIMA code	Type	Colour	Material
34020	FERMO-1	yellow	PE foam covered with vinyl
34021	FERMO-2	red	NBR foam dipped with PVC
34080	STOP	orange	High density foam+water repellent coating
34079	CONTOUR	yellow	Moulded antitoxic PVC and polyurethane

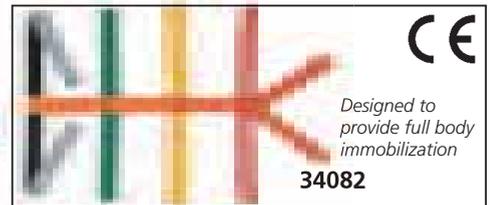
IMMOBILISATION BELTS FOR STRETCHERS AND SPINAL BOARDS



34010



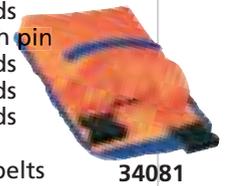
34012



34082

Designed to provide full body immobilization

GIMA code	Type	Colour	Size cm	Max load kg	Buckle style	To be used with
34010	Belt-A	red	5x213	60	plastic snap-lock	stretchers + boards
34011	Belt-B	black	5x213	60	2 swivel speed clip + plastic snap-lock	spinal boards with pin
34012	Belt-C	red	5x213	200	automatic quick release (unique belt)	stretchers + boards
34013	Belt-D	black	5x213	200	automatic quick release (belt in 2 pcs.)	stretchers + boards
34081	Set 3 Belts	orange	-	-	quick release plastic hook	stretchers + boards
34082	Ragno/Spider	mix	5x46x183	-	velcro strapping system	spinal boards
32794	Nylon bag	red	-	-	-	contains up to 3 belts

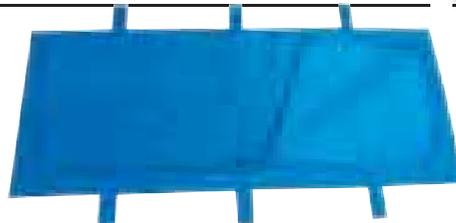


34081

DISASTER POUCHES



• **34116 DISASTER POUCH - PVC**
Made of PVC (Inner transparent PVC, over black), provided with two long slide fasteners.
Colour: black.
Loading capacity: 150 kg.



• **34117 DISASTER POUCH - vinyl**
Made of vinyl covered nylon conform to standard EN 1865.
Provided with a long slide fastener.
Colour: Blue.
Loading capacity: 150 kg.

CARRYING COT



34090

• **34090 CARRYING COT**
Made in polyester, PVC coated, anti-putridity, waterproof, easy to wash, and x-ray translucent material. With 8 handles for a more secure patient transport. Size 190x60 cm. Supplied in a bag. Loading capacity: 150 kg.

EXTRICATION KITS



34028



34027

Supply horizontal flexibility and vertical rigidity support

• **34027 SPINAL IMMOBILIZER TYPE A**
• **34028 SPINAL IMMOBILIZER TYPE B**
GIMA presents 2 different shape of spinal immobilizers, both are ideal for the immobilization and setting free of patients from emergency situations. They allow to fix vertically and horizontally the head and spine of the patient to limit any injuries caused by wrong transport. Supplied with different colour buckles and belt for easy use, padded cushion velcro straps and waterproof bag.

AUTOMATIC LOADING STRETCHER



• 34055 AUTOMATIC LOADING STRETCHER

Automatic stretcher to load and unload patients from emergency vehicles, can be moved by only one person. Specially designed with roll-in system to easily load and unload patients from emergency vehicle without lifting them. Legs fold under cot automatically as stretcher is rolled into the vehicle. Lock-in operating position as cot is removed from vehicle, left-hand and right-hand control levers unlock front and back legs respectively so as to be folded when cot is loaded. Polyethylene covered legs allow cot to roll smoothly in and out of vehicle. Mattress, belts, side rails and fixing devices are included.

TECHNICAL SPECIFICATIONS

Size: 190x54x90 cm
Weight: 40 kg
Load: 159 kg



Fixing device in vehicle

MULTIPOSITION STRETCHER



• 34056 MULTIPOSITION AUTO STRETCHER

Multifunctional automatic stretcher with adjustable positioning system, easily adjustable to the position required during emergency treatments in combination with ambulance. The stretcher can bend through 6 different grades, forwards or backwards. The back of the stretcher is fixed by pneumatic springs moving in the range of 0 to 60 degrees, also equipped by front and back fixed supports. It can be locked into place inside ambulance at proper position. Mattress, belts, side rails, I.V. stand and fixing devices are included.

TECHNICAL SPECIFICATIONS

Maximum size (LxWxH): 198x53x98 cm
Minimum size (LxWxH): 198x53x34 cm
Load: 159 kg
Net weight: 40 kg
Maximum angle of leaning forwards: 11 degrees
Maximum angle of leaning backwards: 25 degrees
The height scope of touching down (6 grades):
98 cm - 94 cm - 87 cm
77 cm - 60 cm - 34 cm



Fixing device in vehicle

AUTOMATIC LOADING AND MULTI LEVEL, X-FRAME STRETCHERS

• 34062 CARRERA SELF LOADING STRETCHER

- loading height 44-60 cm - yellow/black

• 34063 CARRERA SELF LOADING STRETCHER

- loading height 54-70 cm - yellow/black

The Carrera cot is a one-piece /one-man stretcher trolley. The platform is available with a semi-automatic backrest lifting system. Sidebars have a built-in mechanism to avoid pinching of sheets and for added safety to the patient. Easy to clean and to load onto the vehicle for the single operator, thanks to the "Back-saving self effect" and to the "self-assist" system integrated in the pistons. Bigger wheels (Ø 200 mm) for added stability (2 with brake).
Weight: 29 kg.
Mattress and rails included.



34062

Mattress
185x50x8 cm



34064

Available also
black and yellow

• 34064 ENDURO MULTI-LEVEL STRETCHER

• 34065 ENDURO MULTI-LEVEL STRETCHER

- with Fowler position - chrome/black

The Enduro multi-level cot is a simple stretcher trolley ideal for use in Hospitals and easy to handle for the operators. It has an X-frame stretcher with 8 different adjustable positions. A special alloy for the frame and HDPE for the board are a guarantee of quality and flexible endurance. The board is equipped with a semi-automatic telescopic backrest lifting system and allows for Trendelenburg positioning of the patient. It is possible to order model with boards that also bend into Fowler position. Sidebars have a built-in mechanism to avoid pinching of sheets and for added safety to the patient. Fully welded it is guaranteed to be a strong companion. Bigger wheels for added stability and an extraordinary weight load capacity of approximately 250 kg.
Weight: 45 kg.

GIMA code	ACCESSORIES FOR SELF-LOADING STRETCHER AND MULTI-LEVEL STRETCHER
34066	Mattress - orange (for 34064, 34065) 185 x 50 x 8 cm
34067	Two pieces belt with metal hook
34068	Front blocking
34069	Back blocking

BASKET STRETCHER

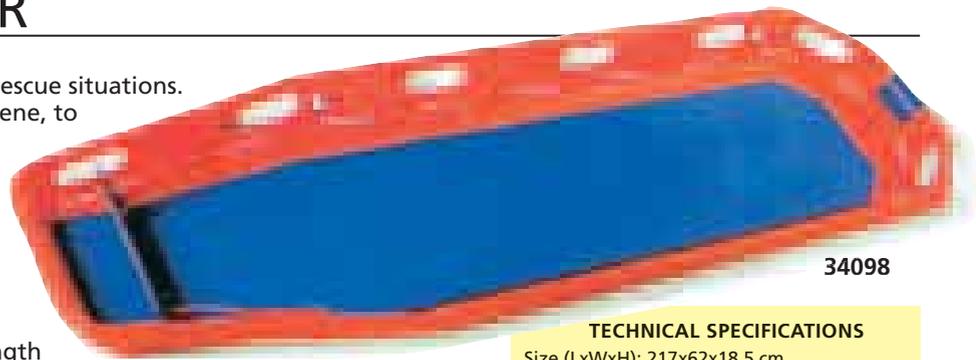
• 34098 BASKET STRETCHER - orange

This shell is a new design for a wide range of rescue situations. It is built in high density cross-linked polyethylene, to avoid splintering and cracking. The surface is impervious to body fluids and petroleum products, easy to keep clean. The basket is in non-absorbent orange colour, it will not rust or corrode, resistant to the effects of chemicals and extreme temperatures. The tubular aluminium frame is permanently fastened to the shell to ensure maximum strength and rigidity of the stretcher. Moulded-in hand holds. Built in brass grammets provide four strategically positioned lifting points to ensure a safe and effective means of raising or lowering the patient. Includes 3 quick-release restraints to hold the patient securely, mattress and foot-rest.

• 34099 LIFTING BRIDLES

Adjustable, can be used for horizontal and vertical patient lifting. Manufactured in durable woven nylon with sound steel attachment hardware and brass locking mechanism.

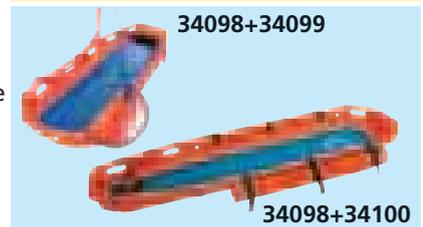
• 34100 FLOTATION SYSTEM



34098

TECHNICAL SPECIFICATIONS

Size (LxWxH): 217x62x18.5 cm
Load capacity: 278 kg
Weight: 13.5 kg



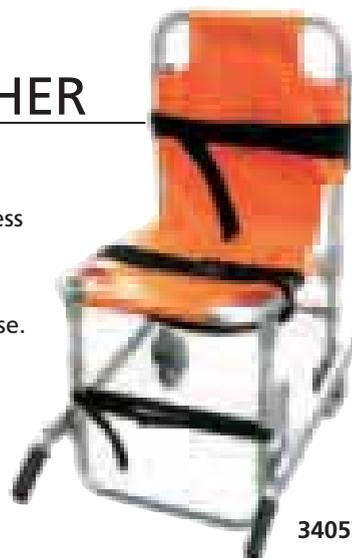
34098+34099

34098+34100

WHEELCHAIR STRETCHER

• 34057 WHEELCHAIR STRETCHER

Specially designed for confined areas such as narrow hallways or multiple landing stairways; anywhere access is seriously limited. Two rear stationary wheels and two low profile front guide wheels facilitate transport on most floor types. Locking safety latch maintains chair position during use. Loading capacity: 150 kg.



34057



TECHNICAL SPECIFICATIONS

Folded size: 92x52x16 cm
Folded into wheelchair:
- back height: 91 cm - width: 50 cm
- seat height: 49 cm - width: 50 cm
Weight: 8 kg

FOLDING STAIR CHAIR AND EVACUATION CHAIR

• 34058 EVACUATION CHAIR - orange/chrome

Designed and built for emergency patient removal from confined spaces. Folded it can be stored in most ambulances. Manufactured from chromed steel with brakes on the front wheels. Seat cover made of vinyl coated nylon, easily washable. Folds in one movement, equipped with two quick-release patient restraints.

• 34059 FOLDING CHAIR - black/yellow

- orange/chrome on request

A cost effective choice for moving patients through difficult situations. Four non-slip grip handles make lifting the patient safer and easier. Two large rear wheels provide easy manoeuvring. Tough, orange, vinyl coated seat cover easy to clean, resists stain and provides bacteriostatic protection. Supplied with a set of 3 plastic buckle belts. Made in Italy

TECHNICAL SPECIFICATIONS

	34059 FOLDING	34058 EVACUATION
Height (open/closed):	92 cm	98/78 cm
Width:	48 cm	41 cm
Depth with retracted handles:	59 cm	-
Depth with extended handles:	125 cm	open 80 cm
Depth when folded handles:	19 cm	closed 31 cm
Weight:	10 kg	12 kg
Load:	165 kg	116 kg



34058

34059

ELECTRONIC VENTILATOR 170

- 34030 ELECTRONIC VENTILATOR
- 34031 KOMPAK ELECTRONIC VENTILATOR

Automatic ventilator designed for: first aid, ambulances, inter and intra-hospital transfer of critically ill patients. It is a time cycled, pressure limited, electronically controlled ventilator with an intermittent flow pneumatic unit. It provides stable tidal volume and respiratory rate. The wide range of volume and respiratory frequencies allows use for both children and adults. It is equipped with a newly conceived mixer which allows a stable separation between oxygen and ambient air regardless of the ventilation rate and respiratory pressure. An additional valve allows the patient to breathe ambient air when the unit is not operating. The patient circuit is provided with a low resistant valve, it is autoclavable and easy to use; the non-rebreathing valve is equipped with a special pressure reducing device that makes it suitable for both children and adults. Compact, light-weight, easy to regulate thanks to a clear interface, provided with alarms it has no parts in motion: thus it allows patient safety even if used by personnel with limited training.

Made in Italy.

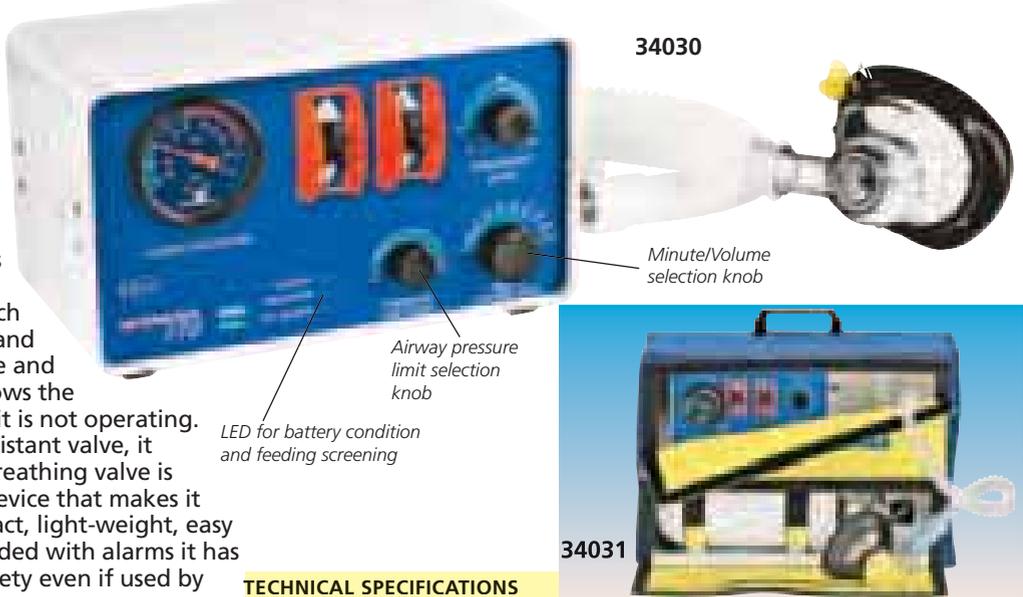
Kompak ventilator with transport case.

An aluminium and nylon case containing ventilator, oxygen cylinder with pressure regulator ready for use.

- 34035 CORRUGATED TUBE
- 34036 PATIENT CIRCUIT (valve+corrugated tube)
- 34037 BATTERY

STANDARD ACCESSORIES

Patient circuit (corrugated tubing with non re-breath valve)	
Power cable	Adult face-mask
Oxygen tube	Battery
Manual: English, Italian, French	UNI adaptor
2 l oxygen cylinder (34031 only)	Pressure reducer (34031 only)
Aluminium/nylon case (34031 only)	



TECHNICAL SPECIFICATIONS

Drive	Electronic
Mode (visual sign)	5-30 BPM
Flow	2 to 20 l/min
I/E Ratio	1:2
Oxygen concentration	60%-100% Patented system
Mechanical overpressure relief	15-60 cm H ₂ O - adjustable
Medical gas supply	3,5 bar ± 0,5
Battery operation	Approx. 4 hours
Audible and visual alarms	Low battery - gas supply
Other indications displayed	Medical gas supply
Alarm reset	30 sec.
Manometer	-20 +70 cm H ₂ O
Vacuum sensor	Switch
External/Internal source	12 V DC
Dimensions	295x160x155 mm (34030), 455x147x363 (34031)
Weight	4,3 kg (34030), 12 kg (34031).

AUTOMATIC VENTILATOR 118

- 34032 AUTOMATIC VENTILATOR 118

Versatile, simple and economical, it is a ventilator with pneumatic logics control. Its intrinsic properties and its small dimensions make it suitable for any emergency situation: first aid, ambulance, patient transport. It is a time cycled constant volume ventilator, with

- infinitely adjustable respiratory frequency (from 10 to 40 breaths per minute)
- infinitely adjustable minute volume (from 3 to 24 l/min)
- Oxygen concentration selectable by means of a single action switch between 100% and 55% without change of minute volume
- low gas consumption
- airway pressure gauge
- no electrical supply, the operation is ensured.
- with only one fluid source.

The non-rebreathing valve is equipped with a special pressure reducing device that makes it adjustable for both adults and children. Small dimensions, sturdy, light-weight, ideal for rescue everywhere and in every circumstance.

Made in Italy

- 34035 CORRUGATED TUBE - 117 cm
- 34036 PATIENT CIRCUIT (valve+corrugated tube)

STANDARD ACCESSORIES

Patient circuit (corrugated tubing with non re-breath valve)
Adult face-mask
Oxygen tube - UNI adaptor
Manual: English, Italian



TECHNICAL SPECIFICATIONS

Operating mode	Flow chopper
Control	Volume-time cycle
Respiration frequency	5 to 38 breaths/min.
Inspiratory-expiratory phase time I:E	1/1.5 ±10%
Minute volume (MV)	2 to 18 l/min ±15%, infinitely adjustable
O ₂ conc. of breath. gas when driven by O ₂ :	
Switch set to "Air Mix"	55% O ₂ - 80% O ₂
Switch set to "No Air Mix"	100% O ₂
Safety valve	60 mbar ±10% mechanical overpr. relief
Airway pressure gauge range	-20 to +70 mbar
Pressure gauge accuracy	from -20 to +10 mbar: 2 mbar from +10 to +70 mbar: 5 mbar
Drive gas	O ₂ or air
inlet pressure	from 3 to 4.5 bar at flow of 60l/min
Gas consumption	approx. 1.3 l/min
Pneumatic main switch	I-O
Dead-space volume	approx. 12 ml.
Dimensions	80x240x198 mm.
Weight	2.1 kg.
Ambient pressure	600 to 1200 mbar
Case	Polyethylene high density ABS

OXYGEN CYLINDERS: 0.5, 2, 3, 5, 7 AND 10 LITRES



CYLINDERS FOR OXYGEN THERAPY (empty)

Ready for use available in five sizes: 0.5, 2, 3, 5 and 7 l.

Steel cylinders for therapeutic oxygen at 200 bar pressure, with valve and safety lock.

These cylinders are ideal for home and hospital therapeutic use, particularly in case of desultory oxygen supply.

Supplied in a robust plastic bag (5 and 7 l) or soft bag (2 and 3 l) with cover. Oxygen cylinders are provided with a pressure reducer with two-stage release valve (0-12 l/min) and high pressure manometer to indicate oxygen quantity in the cylinder (Code 34510/34511) and face mask (excluding 34500/34520).

GIMA code		OXYGEN CYLINDERS WITH INTEGRATED PRESSURE REDUCER				
UNI	NF	Litres	Flow	Size	Weight kg	
34500	34520*	0.5	fixed 6 l	Ø60x400mm	2.75	-
34502	34522*	2	0/12 l	Ø110x410mm	4.5	with soft bag + cover
34503	34523*	3	0/12 l	Ø110x530mm	5.5	with soft bag + cover
34505	34525*	5	0/12 l	Ø140x550mm	9	with plastic bag + cover
34507	34527*	7	0/12 l	Ø140x680mm	11	with plastic bag + cover

GIMA code		PRESSURE REDUCERS
34510	34530*	Integrated pressure reducer with valve for 2/3 litres
34511	34531*	Integrated pressure reducer with valve for 5/7 litres
34539		Cover protection for cylinders 2/3/5/7 litres

GIMA code		OXYGEN THERAPY MASKS
34166		Oxygen therapy mask - adult - with tube
34167		Oxygen therapy mask - paediatric - with tube
34168		HI-Oxygen therapy mask - adult - with tube
34169		HI-Oxygen therapy mask - paediatric - with tube
34276		Disposable oxy tube - 2m
34172		Oxy glasses - nasal cannulas



GENERAL PURPOSE CYLINDERS (empty)

Supplied with valve. Ideal for apparatus, anaesthesia can be used with pressure reducer code 34540-34541 or other standards.



GIMA code					OXYGEN CYLINDER WITH VALVE AND ACCESSORIES	
UNI	NF BULL NOSE	DIN	BRITISH STANDARD	PIN INDEX		
34545	34555*	34565*	34575*	34585*	Oxygen Cylinder 5 l. with valve - Ø 140 x 550 mm	
34548	34558*	34568*	34578*	34588*	Oxygen Cylinder 10 l. with valve - Ø 140 x 900 mm	
34540	34550*	34560*	34570*	34580*	Pressure reducer	
34541	34551*	34561*	34571*	34581*	Pressure reducer complete with flow meter and humidifier	
34590	34590	34590	34590	34590	Humidifier autoclavable	

* Products not in stock, available in 15 days



PRESSURE REDUCER with valve

Pressure reducer with valve and index flowmeter adjustable 0-12 l/min, suitable for cylinders 1 to 3 litres (code 34510/34530) and 5 to 7 litres (34511/34531). Pressure reducer includes two stages, release valve and high pressure manometer.

Thread cylinder connection: E25/E17 conical refill thread connection UNI 21.7 x 1/14" or NF Ø 22.91 x 1.514

Apparatus to be connected with cylinder without valve.



• 34541 PRESSURE REDUCER - WITH FLOWMETER AND HUMIDIFIER

Pressure reducer with release valve and H.P. manometer with adjustable ball flowmeter 0-15 l/min and autoclavable humidifier apparatus to be connected with cylinder valve.

• 34540 PRESSURE REDUCER

Same as code 34541, with adjustable flow 0-15 l/m in 9 steps (1/1.5/2/3/4/6/9/12/15), LP* port, without flowmeter and humidifier.

• 34177 TROLLEY FOR OXYGEN CYLINDER - 5 l - 7 l

• 34178 TROLLEY FOR OXYGEN CYLINDER - 10 l

* Low pressure port (for ventilators,...)

34178



AMBU® MARK IV RESUSCITATORS



- 34200 AMBU® MARK IV RESUSCITATOR - adult**
 Designed in accordance with the original double wall principle, the new 100% latex-free Ambu bags are more robust and provide users with exceptional visual and tactile lung condition feedback during manual resuscitation, making operation safer and more secure. Built-in pressure limitation prevents compression if there is any resistance in the patient's airways. Suitable for adults and children over 15 Kg (3 years). Supplied with face mask N°5 and single shutter valve. Autoclavable at 134°C. Maximum volume 1300 ml.
- 34204 AMBU® MARK IV RESUSCITATOR - baby**
 Same as 34200, but suitable for neonates, infants and children up to 20 kg (approx 4-5 years). Supplied with face mask N°0A and oxygen reservoir tube 250 mm. Maximum volume 300 ml.
- 34217 AMBU MARK® IV RESUSCITATOR - adult with kit bag**
 Same as code 34200, supplied with helicoidal mouth-wedge, tongue holding forceps, 3 Guedel airways (small, medium and large) and oxygen tube, all fitted in a resistant nylon bag.



TRANSPARENT SILICONE AMBU FACE MASKS - Latex-free
 The silicone face masks are self-inflating and the cuff pressure can be regulated for an easy and efficient seal. They are comfortable to grip and feature a thumb rest so rescuers can achieve a tight seal. Visual checks of bleeding, vomitus and spontaneous breathing can be made through the transparent dome. Autoclavable at 134°C

GIMA code	AMBU TRANSPARENT LATEX-FREE FACE MASKS AND RESERVOIR
34210	Ambu Baby N° 0A - newborns/prematures - blue*
34205	Ambu Baby N° 0 - newborns/children - blue
34206	Ambu N° 2 - boys - blue
34207	Ambu N° 3/4 - adults/small - blue
34208	Ambu N° 5 - adults - blue
34209	Ambu N° 6 - adults/large - blue
34215	Reservoir bag 1500 ml - adult



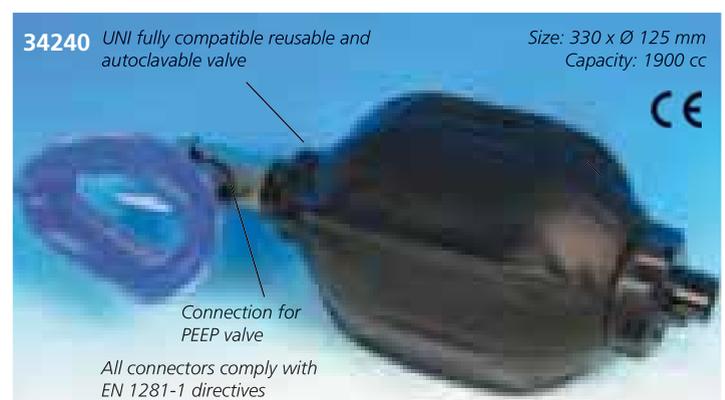
GIMA RESUSCITATORS - DOUBLE CHAMBER, WITH QUALITY MASK

GIMA RESUSCITATOR BAG - with double chamber
 Highly professional resuscitator bag with an antistatic autoclavable and self expanding rubber internal bag and with extra soft external bag.
 Available in 2 models: adult and infant.
 All models are equipped with connections in accordance with EN 1281-1 directives for peep valve, intubation fitting, oxygen reservoir, oxygen intake and face masks.
 All equipped with removable and autoclavable valve.
 Made in Italy.

- 34240 RESUSCITATOR BAG - adult**
 Supplied with facemask N° 4 - volume 1900 cc
- 34241 RESUSCITATOR BAG - with kit bag**
 Same as 34240 supplied with helicoidal mouth-wedge, tongue holding forceps, 3 Guedel airways (small, medium and large) and oxygen tube, all fitted in a resistant nylon bag.



- 34242 RESUSCITATOR BAG - infant**
 Supplied with facemask N° 2 - volume 400 cc



GIMA RESUSCITATORS WITH DOUBLE STAGE VALVE



34231 Resuscitator with kit bag and facemask N° 4

GIMA RESUSCITATOR BAGS

The line offers 3 models of different size: adults, children, infants and an adult kit. All models are supplied with pressure relief valve and equipped with connector under EN 1281-1 directive for: peep valve, intubation fitting, reservoir, oxygen intake, face mask. Each resuscitator can be completely disassembled for cleaning and sterilization. Made in Italy.

- **34230 RESUSCITATOR BAG - with mask N°4 - adult**
With a special double stage valve at 54 m/bar. Volume 1800 cc.
- **34233 RESUSCITATOR BAG - with mask N°3 child**
With a special double stage valve at 54 m/bar. Volume 800 cc.
- **34232 RESUSCITATOR BAG - with mask N°2 - infant/newborn**
With a special double stage valve at 54 m/bar. Volume 400 cc.
- **34231 RESUSCITATOR BAG - adult with kit bag**
Same characteristic as code 34230. It is supplied with helicoidal mouth-wedge, tongue holding forceps, 3 Guedel airways (small, medium and large) oxygen tube, in a nylon bag.
- **34271 NYLON BAG - spare**

Size 330 x Ø120 mm
Capacity = 1800 cc

Double side overpressure valve at 54 m/bar avoids inconvenients in case of a regurgitation due to the presence of food in the stomach of the patient



34232 Pediatric resuscitator with child facemask N° 2



34230

SILICONE TRANSPARENT AUTOCLAVABLE RESUSCITATORS

SILICONE RESUSCITATORS - latex free

Transparent resuscitators made of silicone and polysulfone fully autoclavable at 134°C without limit.

- **34244 SILICONE RESUSCITATOR KIT - adult**
Supplied with silicone face mask N° 4, 60 cm H₂O pop-off valve, oxygen tube 2 metres, autoclavable reservoir valve and 2500 ml reservoir bag. Volume: 1600 ml.
- **34245 SILICONE RESUSCITATOR - adult**
Supplied with silicone face mask N° 4. Volume: 1600 ml.
- **34246 SILICONE RESUSCITATOR - child**
Supplied with silicone face mask N° 3 and 40 cm H₂O pop-off valve. Volume: 550 ml.
- **34247 SILICONE RESUSCITATOR - infant**
Supplied with silicone face mask N° 1 and 40 cm H₂O pop-off valve. Volume: 280 ml.



34245

CE 0476

All resuscitators are LATEX FREE



34244



34246



34247

RESUSCITATOR BAGS SINGLE-USE, SINGLE PATIENT - LATEX FREE

PVC Resuscitators - single patient use

Disposable resuscitator bag with disposable mask. Complete with no return membrane valve and connection for PEEP valve. PVC disposable, transparent mask shaped to allow a perfect adhesion to the patient's face. Latex free.

- **34277 PVC RESUSCITATOR - adult**
Supplied with single use mask N° 5. Volume: 1500 ml
- **34248 PVC RESUSCITATOR - child**
Supplied with single use mask N° 3 and 40 cm H₂O pop-off valve. Volume: 500 ml
- **34249 PVC RESUSCITATOR - infant**
Supplied with single use mask N° 1 and 40 cm H₂O Pop-off valve - Volume: 280 ml



34277

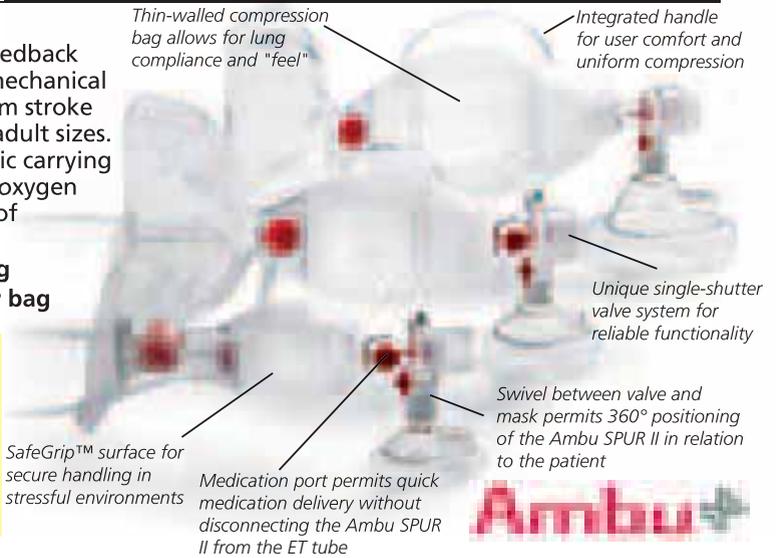
AMBU® SPUR II RESUSCITATOR - THE NEXT GENERATION

AMBU SPUR II RESUSCITATOR - single patient

Ambu SPUR II provides users with exceptional tactile and visual feedback during resuscitation. The bag is highly responsive, with minimal mechanical resistance. Furthermore the characteristic design provides optimum stroke volume with perfect recoil. Range includes infant, pediatric, and adult sizes. All Ambu SPUR II resuscitators come in individual, resealable plastic carrying bags, complete with mask, reservoir bag (34235, 34236 only) and oxygen tube. The bags themselves are color-coded for fast identification of infant, pediatric, and adult sizes.

- 34235 AMBU SPUR II ADULT - with face mask and reservoir bag
- 34236 AMBU SPUR II PEDIATRIC - with face mask and reservoir bag
- 34237 AMBU SPUR II INFANT - with face mask

		34235	34236	34237
Suitable for		adult > 30 Kg	baby 10 to 30 Kg	infant < 10 Kg
Stroke volume	1 hand	800 ml	450 ml	150 ml
	2 hand	1475 ml		
Resuscitator volume		1475 ml	635 ml	220 ml
Size (Length x diameter)		295x127 mm	234x99 mm	168x71 mm
Bag reservoir volume		2600 ml	1500 ml	-



GIMA SILICONE AUTOCLAVABLE FACEMASKS AND ACCESSORIES

GIMA AUTOCLAVABLE FACE MASKS

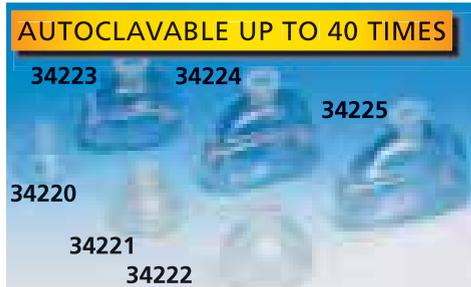
Made in silicone and polysulfone (sizes 3, 4, and 5) or all in silicone (sizes 0, 1 and 2) Completely transparent, allowing a total visibility. They can be used with any resuscitator and lung ventilator

GIMA PLUS AUTOCLAVABLE FACE MASKS - ANAESTHESIA MASKS

Provided with black silicone inflating cuff and unbreakable transparent polysulfone hood. They can be used with any resuscitator or lung ventilator. Available in 4 sizes. Latex free.

INJECTABLE AIR CUSHION FACE MASKS - ANAESTHESIA MASKS

Quality disposable single patient face masks provided of connector for air inflation and colour coded ring.



GIMA code	SILICONE FACE MASKS LATEX FREE	GIMA code	GIMA PLUS FACE MASK LATEX FREE	GIMA code	GIMA SINGLE PATIENT FACE MASK LATEX FREE
34220	Facemask N° 0 - infant/small	34252	Face mask N°2 - child/small	34440	Facemask N° 0 - infant small
34221	Facemask N° 1 - infant/large	34253	Face mask N°3 - child/large	34441	Facemask N° 1 - infant large
34222	Facemask N° 2 - child/small	34254	Face mask N°4 - adult/small	34442	Facemask N° 2 - child small
34223	Facemask N° 3 - child/large	34255	Face mask N°5 - adult/large	34443	Facemask N° 3 - child large
34224	Facemask N° 4 - adults/small	34250	Face mask N°6 - adult/extralarge	34444	Facemask N° 4 - adult small
34225	Facemask N° 5 - adults/large			34445	Facemask N° 5 - adult large



GIMA code	OXYGEN RESERVOIR	To be used with GIMA codes
34275	OXYGEN RESERVOIR - 2500 ml - without valve	34244 - 34245 - 34277 - 34200 (need valve 34279), 34230 - 34240, AMBU, LAERDAL and TECNOGAZ resuscitators
34257	SINGLE USE OXYGEN RESERVOIR - 1000 ml - with valve	34246 - 34247 - 34267 - 34204 - 34232 - 34233 - 34242
34258	SINGLE USE OXYGEN RESERVOIR - 2500 ml - with valve	34244 - 34245 - 34277 - 34200 - 34230 - 34240
34279	RESERVOIR VALVE - autoclavable	34275
VALVES AND ACCESSORIES FOR RESUSCITATORS		To be used with GIMA codes
34259	NON-REBREATHING VALVE with 60 cm H2O Pop-off - autoclav.	34244 - 34245 - 34277
34227	PEEP VALVE - 30 mm (5-20 cm H2O)	34244 - 34245 - 34277 (need adaptor 34228)
34228	PEEP VALVE ADAPTOR - internal Ø 22 mm, external Ø 30 mm	34230 - 34240 - 34200
34276	OXYGEN TUBE - 2 m	34227
34271	NYLON BAG	All resuscitators
34256	REAR VALVE (intake valve)	All resuscitators



AMBU® AURAONCE™ DISPOSABLE LARYNGEAL MASK

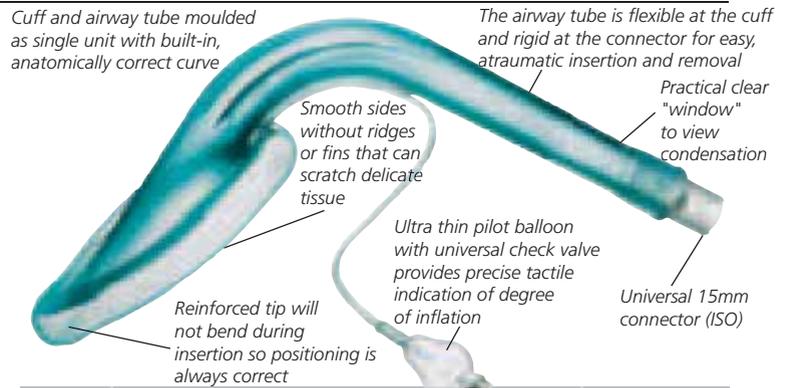
AMBU® AURAONCE™ DISPOSABLE LARYNGEAL MASKS

AuraOnce has a special curve that carefully replicates natural human anatomy. Molded directly into the tube, the unique shape makes correct insertion easy without abrading the upper airway. AuraOnce's curve also ensures that the patient's head remains in a natural supine position when the mask is in use without extra stress on the upper jaw. Moreover, Auraonce is specially designed to give the airway tube the flexibility needed to adapt to individual anatomical variances and wide range of head positions. AuraOnce has a D-shaped airway tube to give a firm and ergonomic grip during insertion. In short, positioning is fast and accurate, with least possible internal pressure.

- Packaged sterile and ready for use
- Colour coded pouch with directions for use
- Available in 5 sizes fitting a wide range of patients.



TECHNICAL SPECIFICATIONS	
Maximum intra-cuff pressure:	60 cm H ₂ O
Airway connector:	15 mm male (ISO)
Tube/cuff material:	PVC



Code	AMBU® AURAONCE™	Patient weight	Maximum cuff inflation volume
34406	Laryngeal Mask N 2 - pink	10-20 kg	10 ml
34407	Laryngeal Mask N 2.5 - pink	20-30 kg	14 ml
34408	Laryngeal Mask N 3 - green	30-50 kg	20 ml
34409	Laryngeal Mask N 4 - yellow	50-70kg	30 ml
34410	Laryngeal Mask N 5 - blue	70-100 kg	40 ml

LARYNGEAL MASKS FOR SAFE AND EASY INTUBATION

SILICONE REUSABLE LARYNGEAL AIRWAY MASK

1. Optimal anatomical design ensure convenient and safe insertion. Universal 15 mm connector.
2. See-through flexible airway tube, clear guideline for easy insertion.
3. Tiny protruding bumps minimize the vomiting substance flowing from exophagus and into the lung.
4. Seamless cuff formation offers maximum comfort.
5. Strengthened oval tip prevents possible bending during insertion.
6. Thin walled pilot balloon facilitates the sensing of the inflation tube.

GIMA code	Size	Patient range	Weight range	Cuff volume (ml. of air)
34424	1,5	infant	5-10 kg	7 ml
34425	2	infant	10-20 kg	10 ml
34426	2,5	child	20-30 kg	14 ml
34427	3	boy	30-50 kg	20 ml
34428	4	adult	50-70 kg	30 ml
34429	5	adult	>70 kg	40 ml



STERILE GUEDEL AIRWAYS



GIMA code	GUEDEL AIRWAYS - STERILE FLEXIBLE, TRANSPARENT, GUEDEL AIRWAYS	Minimum order
34431●	Guedel airway 40 mm - pink - newborn - 000	box of 10
34432●	Guedel airway 50 mm - blue - newborn - 00	box of 10
34433●	Guedel airway 60 mm - black - child - 0	box of 10
34434▲	Guedel airway 70 mm - white - boy - 1	box of 10
34435▲	Guedel airway 80 mm - green - adult/small - 2	box of 10
34436●	Guedel airway 90 mm - yellow - adult/small - 3	box of 10
34437●	Guedel airway 100 mm - red - adult/medium - 4	box of 10
34438●	Guedel airway 110 mm - orange - adult/large - 5	box of 10
34439	Mixed Guedel airways pack of 1 pcs. of ● marked and 2 pcs of ▲ marked airways for a total of 10 pcs.	

STERILE CUFFED AND UNCUFFED ENDOTRACHEAL TUBES

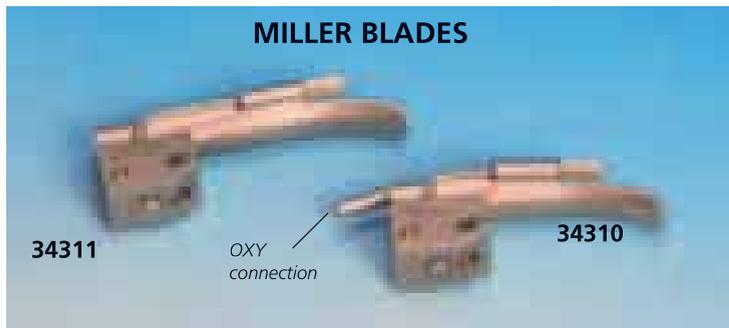
GIMA code	UNCUFFED ENDOTRACHEAL TUBES - STERILE	Minimum order
34385	Uncuffed Endotracheal tube Ø 3mm - 16.5 cm	box of 10
34386	Uncuffed Endotracheal tube Ø 4mm - 21 cm	box of 10



GIMA code	CUFFED ENDOTRACHEAL TUBES - STERILE	Minimum order
34387	Cuffed Endotracheal tube Ø 3.5 mm - 18.5 cm	box of 10
34388	Cuffed Endotracheal tube Ø 5 mm - 24.5 cm	box of 10
34389	Cuffed Endotracheal tube Ø 6 mm - 28.5 cm	box of 10
34390	Cuffed Endotracheal tube Ø 6.5 mm - 29.5 cm	box of 10
34391	Cuffed Endotracheal tube Ø 7 mm - 31 cm	box of 10
34392	Cuffed Endotracheal tube Ø 7.5 mm - 31.5 cm	box of 10
34393	Cuffed Endotracheal tube Ø 8 mm - 33 cm	box of 10
34394	Cuffed Endotracheal tube Ø 8.5 mm - 33 cm	box of 10
34395	Cuffed Endotracheal tube Ø 9 mm - 33 cm	box of 10
34396	Cuffed Endotracheal tube Ø 10 mm - 33 cm	box of 10

Ø: Internal diameter

STANDARD LARYNGOSCOPE BLADES AND SETS



- Great features of the unique GIMA blades
- Standard bulb gives cool bright illumination
 - Light ergonomic, satin finish handle
 - Stainless Steel contacts guarantee long working life
 - Easy sterilization without removal of bulb
 - Full range of McIntosh & Miller blades, latex free
 - ISO 7376:2003 fittings allow use of blades with existing handles
 - Set is packaged in an anti-shock case and in cardboard box

GIMA code	STANDARD LARYNGOSCOPE SETS (HANDLE+BLADES)	
34301	Pediatric set	2 blades MILLER 0-1
34305	Pediatric set	3 blades MILLER 0-1, Mc INTOSH 0
34306	Doctor set	3 blades MILLER 1, 2, 3
34302	Adult set	3 blades Mc INTOSH 2-3-4
34303	Adult set	4 blades Mc INTOSH 1-2-3-4

GIMA code	STANDARD BLADES	Overall Length mm	Distal Width mm
34310	Blade N° 00 MILLER OXY - premature	65	12.5
34311	Blade N° 0 MILLER - premature/newborn	75.5	11.5
34312	Blade N° 1 MILLER - babies	103	11.5
34313	Blade N° 2 MILLER - adults	155	16.5
34314	Blade N° 3 MILLER - adults/large	195	16.5
34317	Blade N° 0 Mc INTOSH - newborn	80	13
34318	Blade N° 1 Mc INTOSH - babies	90	14
34319	Blade N° 2 Mc INTOSH - infants	100	14
34320	Blade N° 3 Mc INTOSH - adults	130	18
34321	Blade N° 4 Mc INTOSH - adults/large	156	18

GIMA code	BULBS AND HANDLES FOR LARYNGOSCOPE - ROUGH	
34352	Small handle - pediatric	
34354	Large handle - adult	
34324	Small Bulbs for MAC N°0 and MILLER N°00,0,1	
34325	Large Bulbs for MAC N°1,2,3,4 and MILLER N°2,3 compatible with Kawe and Riester	

DISPOSABLE F.O. LARYNGOSCOPE BLADES MILLER AND MC INTOSH

SINGLE-PATIENT USE LARYNGOSCOPE F.O. BLADES
 Choice of 5 different blades: Mc Intosh N° 2,3,4 and Miller N° 0,1.
 All blades are tested for tensile strength.
 Individually packed, not sterile.

- 34381 EMERGENCY PACK: plastic handle +3 disposable blades Mc Intosh N° 2,3,4
- 34382 BORSETTA NYLON - empty
- 34384 EMERGENCY CASE: plastic handle+6 disposable blades

COMPATIBILITY WITH ALL "GREEN" F.O. SYSTEMS

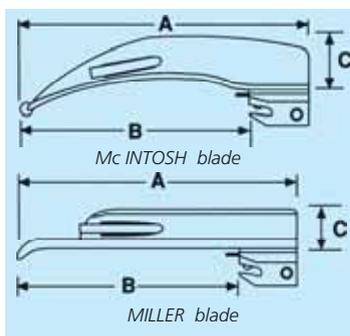
GIMA code	DISPOSABLE BLADE NON STERILI	Overall Length mm	Distal Width mm
34481	Metal handle		
34364	Plastic handle		
34365	N° 0 Miller - premature	90	22
34366	N° 1 Miller - children	103	22
34375	N° 2 Mc Intosh - infants	104	24
34376	N° 3 Mc Intosh - adults	132	24
34377	N° 4 Mc Intosh - adults large	156	24
34359	Bulb for plastic - handle		



FIBRE OPTIC LARYNGOSCOPES: "GIMA GREEN" LINE



This range of fibre optic blades conforms to the standard ISO 7376:2003, and fit on handles from the other brands applying the standard such as HEINE, RIESTER, WELCH ALLYN, MEDICON,... The halogen light source in the handle is conducted to the tip of the blade through an extra large fibre optic bundle (external Ø 5.0 mm) to produce a cold light, brighter illumination. All F.O. bundles can be easily removed during sterilization procedures to prevent damages and assure a longer life to the unit. The range includes both Mc Intosh and Miller blades, handles with standard or re-chargeable batteries.



GIMA code	"GIMA GREEN" FIBRE OPTIC BLADES	A	B	C
34460	MILLER N° 00 OXY blade - Premature	65	40	8.5
34461	MILLER N° 0 blade - Newborn	75	50	8.5
34462	MILLER N° 1 blade - Infant	102	77	8.5
34463	MILLER N° 2 blade - Child	153	128	11
34464	MILLER N° 3 blade - Adult	195	170	11
34469	Mc INTOSH N° 0 blade - Newborn	80	55	13
34470	Mc INTOSH N° 1 blade - Infant	92	67	14
34471	Mc INTOSH N° 2 blade - Child	100	75	17
34472	Mc INTOSH N° 3 blade - Adult	130	105	18
34473	Mc INTOSH N° 4 blade - Adult large	155	130	18
34474	Mc INTOSH N° 5 blade - Adult x-large	175	150	23

GIMA code	"GIMA GREEN" FIBRE OPTIC SETS
34450	Empty box without sponge
34451	Pediatric set 2 blades Miller 0-1
34454	Pediatric set 3 blades Miller 0-1, Mc. Intosh 0
34452	Adult set 3 blades Mc. Intosh 2-3-4
34453	Adult set 4 blades Mc. Intosh 1-2-3-4
34455	Doctor set 3 blades Miller 1-2-3

"GIMA GREEN" STANDARD HANDLES AND ACCESSORIES	
34480	Pediatric metal handle (2xAA batteries) - 2.5 V
34481	Adult metal handle (2xC batteries) - 2.5 V
34484	Adult plastic handle (2xC batteries)
34485	Halogen bulb 2.5 V (minimum order 6 pcs)
34486	F.O. Light guide for "GIMA Green" - specify code

"GIMA GREEN" RE-CHARGEABLE HANDLES AND ACCESSORIES	
34487	Pediatric re-chargeable metal handle (3.5 V)
34488	Adult re-chargeable metal handle (3.5 V)
34496	Charging station (including pediatric adaptor, wall support)
34489	Pediatric re-chargeable battery 3.5 V/700 mAh
34490	Adult re-chargeable battery 3.5 V/1300 mAh
34491	Halogen Bulb 3.5V

FIBRE OPTIC SET FOR DIFFICULT INTUBATIONS

• 34492 FLEXI F.O. SET

Deluxe boxed set including one F.O. handle, one F.O. blade N° 3 Mc-Intosh (130x18 mm) for difficult intubations and bulb. The movable blade tip facilitates lifting of the epiglottis and enables a perfect visibility at the intubation process even in case of difficult anatomical conditions. A better visibility and a lower lever force reduce the risk of injury of the larynx and the teeth. Autoclavable to 135° C.

- Stainless steel construction, matt finish
- Can be used with all Green Spec Handles
- Compatible to ISO 7376:2003 Green Standards
- Channel provides improved viewing area
- 4.0 mm fiber bundles for maximum light output

• 34495 FLEXI F.O. SET 2 BLADES

Same as 34492 but with two blades: N°3 and N°4 Mc-Intosh.

- 34493 FLEXI F.O. BLADE N° 3 Mc-Intosh
- 34494 FLEXI F.O. BLADE N° 4 Mc-Intosh (155x18 mm)
- 34485 BULB 2.5 V - spare

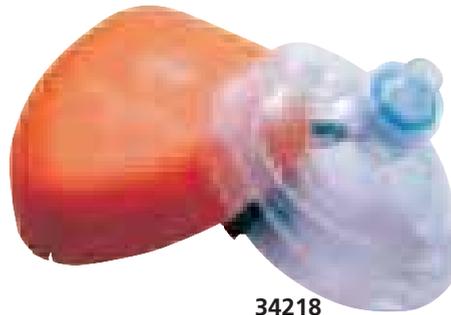


MASK FOR MOUTH-TO-MOUTH REANIMATION



• 34216 LIFEKEY MASK
Pocket mask for mouth-to-mouth reanimation. Its special one-direction valve allows oxygen to flow straight to the patient and minimizes risks of cross-contamination. Single-use, sterile, made in atoxic transparent material, easy to use and carry. Suitable for adults and children.
minimum order: pack 10 pcs.

CPR MASK



34218

• 34218 CPR MASK - pocket resuscitator
The CPR pocket mask is a non-invasive, latex free mask with inflatable cuff and an integral non-rebreathing valve and efficient filter to prevent direct mouth contact with the patient's face when providing mouth-to-mouth resuscitation. It can be used on adult, child and infant. Supplied in a compact plastic box with a corrugated tube for an easier use.



AIRWAY

Easy and quick to use in any emergency

Soft PVC contour for tight seal to any patient's face

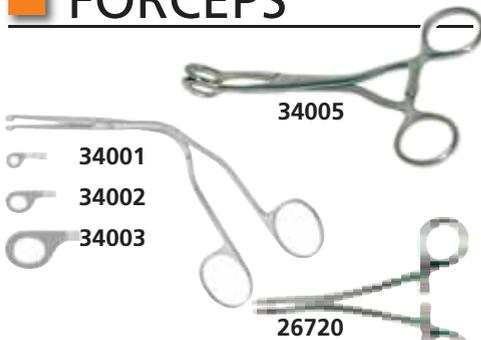
34278

Silicon 100% mask

• 34278 AIRWAY - for adult/children
Composed of a mouthpiece, a special one-way non re-breathing valve and a transparent cardiopulmonary resuscitation mask. It protects the rescuer from the patient's exhaled gases, minimizing the risk of contamination. The special valve allows oxygen to flow freely in one direction straight to the patient, while the noxious vapors exhaled by the patient exit through the side port of the valve, ensuring maximum efficiency and hygiene. Mask's transparency allows the rescuer to detect any matter regurgitated by the patient.



FORCEPS



GIMA code	STAINLESS STEEL FORCEPS
34001	Magill Forceps - 15 cm
34002	Magill Forceps - 20 cm
34003	Magill Forceps - 25 cm
34005	Collin Forceps - 20 cm
26720	Pean Forceps - 16 cm
26710	Pean Forceps - 20 cm

MOUTH OPENERS



GIMA code	PLASTIC DEVICES
34273	Teeth screw driver
34272	Helicoidal mouth opener
	Pinocchio
34274	Tongue holding forceps

STYLETS

Intubation stylets:
 - Coated with low friction material
 - Colour coded for easy identification
 - Malleable enough
 - Can be easily lengthened or shortened
 - Sold in box of 25
 - Individually packed
 - Non sterile

Single non sterile pouch - box of 25 pouches

GIMA code	Size	Colour	Ø mm	Length mm
34397	infant	blue	2.0	306
34398	child	grey	2.6	425
34399	adult	green	3.3	465

EMERGENCY SCISSORS

GIMA code	EMERGENCY SCISSORS
34127	Emergency Scissors - 23.5 cm x 10.8 cm
34128	Universal Scissors - 15 cm
34126	Universal Scissors - 20 cm
34125	Lister Bandage Scissors - 11 cm
34129	Lister Bandage Scissors - 15 cm
34130	Lister Bandage Scissors - 18 cm



All purpose, first aid scissors, small enough to fit in the pocket of an emergency operator, easily cuts bandages, leather and plaster casts. Plastic coloured finger-contour handles for maximum comfort. Autoclavable at 136°C

Autoclavable Stainless steel AISI 420

Weight: 540 g.



34127

Supplied with transport bag

Made in Italy

BURNFREE® - BURN CARE PRODUCTS



A complete range of burn care products with superior benefits:

- Dissipates heat on contact
- Cools the burn site, relieves pain, calms the burn victim, helps stop the burn process.
- Covers the burn, helps to prevent contamination.

Sterile burn and wounds dressings

Made of a soft open-cell foam, saturated with Burnfree® gel. Sterile to reduce risk of contamination or infection.

Pain relieving gel

Ideal for all minor burns (including sunburns), cuts and abrasions, available in bottle or single use dose 3.5 g.

GIMA code	BURNFREE® PRODUCTS
34869	Burn Dressing - 5x5 cm - box of 120 pcs.
34870	Burn Dressing - 5x15 cm - box of 10 pcs.
34871	Burn Dressing - 10x10 cm - box of 10 pcs.
34872	Burn Dressing - 20x20 cm - box of 5 pcs.
34873	Burn Dressing - 30x30 cm - box of 20 pcs.
34875	Pain Relieving Gel - bottle 118 ml
34876	Pain Relieving Gel - 3.5 g packs - box of 20 pcs.
34877	Pain Relieving Gel - 3.5 g packs - box of 2000 pcs
34884	Pocket Burn Kit (1 sterile dressing 5x5, 2 gel bags 3.5 g , 2 gel bags 0.9 g)
34878	Burn Kit (2 sterile dressing 5x15 cm, 1 gel bottle 118 ml, 20 gel bags 3.5g and 4 rollers gauzes)



HYPOTHERMIC BLANKET

• 34086 HYPOTHERMIC BLANKET

Reflects and retains over 80% of radiated body heat to keep a person warm and protected even at subzero temperature. Waterproof, reusable, wind proof, lightweight.



Made of polypropylene Fralom fibre coupled to a metallized polyethylene fibre.

Size: 200x150 cm

BURNFREE® - FIRE BLANKET

BURNFREE FIRE/TRAUMA BLANKETS

Provides immediate physical, smoke and heat shielding protection from fire.

Cools and moistens burns.

Supplied in barrel bag with strap



GIMA code	Blanket Size	Weight	Barrel bag size
34879	91x76 cm	2,3 kg	41x33x5 cm
34880	183x152 cm	6.9 kg - 15 lbs	51x21.5x22.3 cm
34881	244x152 cm	10.9 kg	51x21x22.3 cm

ISOTHERMIC COVER

• 34085 EMERGENCY COVER

Suitable for protection against cold and heat. Silver side in keeps the warmth of the body, gold side out reflects sunbeams.



Size: 160x210 cm.
Weight: 67 g

FIRE RETARDANT BLANKET

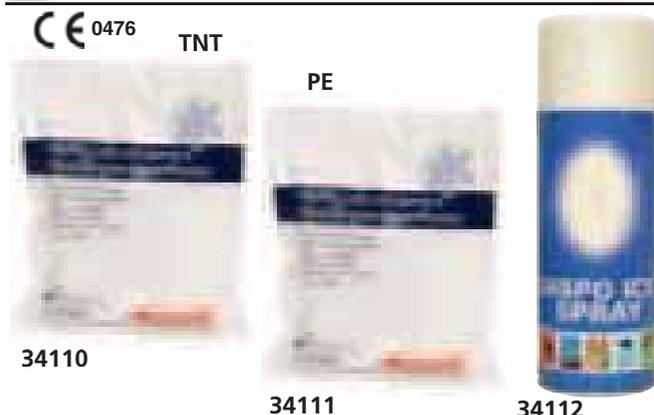
• 34087 FIRE RETARDANT BLANKET

Made in glass fibre. Can be used to extinguish small fires.

Size: 150x180 cm



INSTANT ICE: SPRAY OR BAG IN TNT OR PE



- 34110 INSTANT ICE - TNT 14x18 cm bag (non woven fabric)
- 34111 INSTANT ICE - PE 14x18 cm bag (polyethylene) minimum order: pack of 25 bags.

Icy-pack "instant ice" is recommended for cryotherapy.

Excellent in case of traumas to soothe the pain and to prevent haematomas, swellings, etc.

Easy and quick to use anywhere and anytime.

Press the bag to break the inner bubble and shake to mix contents. The blend you obtain drops temperature of the pack down.

From -6°C to 0°C in 30 minutes (at environment temperature of 24 °C).

- 34112 SPRAY INSTANT ICE - bottle 400 ml.

Ecological, useful for small bruises, haematomas or trauma, in first aid or sport applications. Spray on the injured area at 20 cm distance. (see the reference temperature chart).

Contentent: Ammonium nitrate + water.

EMERGENCY KITS COMPLETE WITH STANDARD EMERGENCY DEVICES



Capacious bag, made in water proof, anti-scratch cordura, with yellow reflective strips.
With 1 large central compartment, 1 front and 3 lateral pockets. Can be carried on shoulders (braces) or hand (2 handles)



GIMA presents 8 different emergency kits available in aluminium case, cordura bag, cordura rucksack.

EMERGENCY RUCKSACK:

- 27171 LOGIC 2 RUCK SACK - empty - 40x25x47 cm
- 34162 "GIMA 8" EMERGENCY RUCKSACK - filled
- 34163 "GIMA 9" EMERGENCY RUCKSACK - filled
- 34164 "GIMA 10" EMERGENCY RUCKSACK - filled - without cylinder

EMERGENCY ALUMINIUM CASE:

- 34159 ALUMINIUM CASE - empty - 40x35x10 cm
- 34160 "GIMA 1" EMERGENCY CASE - filled
- 34161 "GIMA 2" EMERGENCY CASE - filled

EMERGENCY BAG:

- 27165 EMERGENCY BAG - empty - 35x50x23 cm
- 34155 "GIMA 6" EMERGENCY BAG - filled - without cylinder
- 34156 "GIMA 4" EMERGENCY BAG - filled
- 34157 "GIMA 5" EMERGENCY BAG - filled

PERSONALIZED EMERGENCY KIT

WE CAN PROVIDE KITS WITH YOUR REQUESTED PRODUCTS.

Code 34158 minimum order 5 kits



34161 Aluminium emergency case

"GIMA" EMERGENCY KITS: STANDARD ACCESSORIES	CASES		BAGS			RUCKSACKS		
	GIMA 1 34160	GIMA 2 34161	GIMA 4 34156	GIMA 5 34157	GIMA 6 34155	GIMA 8 34162	GIMA 9 34163	GIMA 10 34164
Steel 0.5 l rechargeable oxygen cylinder (empty), with bronze reducer high pressure manometer and litre-dosage distributor. UNI standard	•	•	•	•	•	•	•	•
Silicone resuscitator bag with facemask N° 4	•	•	•	•	•	•	•	•
Autoclavable resuscitator bag with facemask N°4	•	•	•	•	•	•	•	•
Silicone facemask N°2 - pediatry	•	•	•	•	•	•	•	•
3 Guedel airways small-medium-large	•	•	•	•	•	•	•	•
Teeth screw driver and tongue holding forceps	•	•	•	•	•	•	•	•
Helicoidal mouthwedge and tongue holding forceps	•	•	•	•	•	•	•	•
Toxic tubing for connection to oxygen cylinder	•	•	•	•	•	•	•	•
Laryngoscope with 3 single use blades	•	•	•	•	•	•	•	•
Laryngoscope with 3 s/s Mc-Intosh blades	•	•	•	•	•	•	•	•
Palm aneroid sphygmomanometer - London	•	•	•	•	•	•	•	•
Aneroid sphygmomanometer	•	•	•	•	•	•	•	•
Stethoscope	•	•	•	•	•	•	•	•
Rappaport Stethoscope	•	•	•	•	•	•	•	•
Universal scissors	•	•	•	•	•	•	•	•
Res-q-Vac hand suction unit	•	•	•	•	•	•	•	•
Magill forceps	•	•	•	•	•	•	•	•
Pen light	•	•	•	•	•	•	•	•
Tourniquet Gima	•	•	•	•	•	•	•	•
Oxygen mask	•	•	•	•	•	•	•	•
Emergency cover	•	•	•	•	•	•	•	•
Burn Free dressing 10x10	•	•	•	•	•	•	•	•
5 coloured pouches	•	•	•	•	•	•	•	•

INTUBATION BAG WITH EMERGENCY ACCESSORIES

- 27133 INTUBATION BAG - empty
 - 34152 INTUBATION KIT - complete
 - 34153 INTUBATION KIT F.O. - complete
- Compact nylon bag suitable for various uses: 2 internal zip pockets, 9 elastic retainers for instruments, made in water-proof anti-scratch material, blue colour.
Size: 32x22.5x 7.5 cm.

34152



2 zip pockets

STANDARD ACCESSORIES	34152	34153
Mc Intosh Laryngoscope s/s blades N 1, 2, 3	3	3 F.O.
Laryngoscope metal handle	1	1
Magill forceps	1	2
Tongue holding forceps	1	1
Guedel cannula	3	5
Mouth opener	1	1
Scissors cm 14.5	1	1
Endotracheal tubes	-	4

GIMA RESUSCITATION KITS

- 34181 SPEED 1 RESUSCITATION KIT - UNI cylinder
- 34182 SPEED 2 RESUSCITATION KIT - NF cylinder
- 34183 SPEED 3 RESUSCITATION KIT - without cylinder
- 34180 SPEED EMPTY CASE - with sponge
- 34222 FACEMASK N° 2 - child small

First aid kits for reanimation, very useful for medical and dental rooms, sport clubs, factories, ambulances...

Case made of anti-shock plastic.

Size: 43 x 32 x 11. Made in Italy.



STANDARD ACCESSORIES	SPEED 1	SPEED 2	SPEED 3
Silicone resuscitation bag - autoclavable	•	•	•
Silicone Face mask n° 4	•	•	•
Oxygen cylinder 0.5 l (empty). UNI standard	•	•	•
Oxygen cylinder 0.5 l (empty). NF standard	•	•	•
High pressure manometer	•	•	•
Guedel airways (small + medium + large)	•	•	•
Helicoidal mouthwedge + Tongue holding forceps	•	•	•
Atoxing tubing for connection to oxygen cylinder	•	•	•
Plastic case	•	•	•

AVAILABLE WITH OR WITHOUT CYLINDER



34181

SPLINTER REMOVAL KIT

Small metallic splinters, eye tool device



34190

34192

Anti-abrasive nylon loop

"NEODIMIO" magnetic point

• 34190 SPLINTER REMOVAL KIT

Includes everything to remove splinters and for first aid medications. In a polypropylene box size 235x190x43 mm:

- 1 Eye wash solution 100 ml with an eye glass
- 1 magnifying glass, 2 sterile gauze pads 18x40 cm
- 1 Professional removal pencil, 1 mirror.
- 1 stainless steel tweezers 11.5 cm

• 34192 PROFESSIONAL REMOVAL PENCIL

Small metallic splinters eye tool remover. On one side you have a NEODIMIO magnetic point, which enables you to withdraw all metallic splinters avoiding any dangerous eventual eye approach. On the other side you have an antiabrasive nylon loop which is used for non metallic splinters. The body is made of anodised aluminium and the neoprene seals guarantee a better pencil hold. Supplied in a box and CE marked.

EYE WASH SYSTEMS



34889

• 34889 DROP - eye wash station

It contains, in a thermo-formed wall kit, all necessary items for an efficient first emergency eye wash: 2 sterile saline solutions of 500 ml, 2 integrated eye cups and one mirror.

• 34891 BURN FREE EYE WASH - personal and portable - 240 ml bottle

Innovative, cost effective answer for emergency eye wash needs. This multi-use eye wash is a saline solution which remains sterile to the very last drop. It is now easier and quicker to flush eyes when a standard eye wash station is not available. It is hand held and allows for flushing of the eye constantly for more than 15 minutes with just one 240 ml spray bottle. This method of applications meets or exceeds all regulatory standards. The gentle spray cleans and thoroughly flushes the eye.



34891



34891

FIRST AID FAMILY CASE



Case in polypropylene

Size: 235 x 190 x 43 mm

34136

• 34136 FAMILY FIRST AID CASE

• 34450 EMPTY CASE

Small first aid case suitable for use anywhere and anytime: (at home or office, in the car or boat...). Made in Italy

STANDARD ACCESSORIES

- | | |
|--|-----------------------------------|
| 2 sterile gauze pads 18x40 cm | 3 antiseptic wipes |
| 1 pair of scissors. 1 plastic tweezers | 1 adhesive dressing 10 x 6 cm |
| 1 sterile bandage 60x40 | 1 gauze bandage 5 cm |
| 1 cotton wool pack 5 g | 1 adhesive plaster roll 2 cm x 1m |
| 1 pack of 10 adhesive plasters | 1 pair of protection gloves |
| 1 tissue pack 10 pcs | Guidance Leaflet 5 languages |

FIRST AID CASE



• 34194 SMALL KIT - plastic case

Size: 250 x 190x90 mm - 1.4 kg
See content of kit at page 158

• 34188 REFILL PACK for 34194

• 34139 EMPTY PLASTIC CASE

250x190x90 mm

Advised for offices of 3-5 people
Meets Italian law 388-Art. 2

34194

FIRST AID PLASTIC CASES AND METAL CABINETS



Advised for offices of 6-10 people

- **34196 MEDIUM KIT - plastic case** • **34197 MEDIUM KIT - metal cabinet**
Size: 275x240x123 mm - 2 kg Size: 370x300x140 mm - 3.8 kg
- **34141 EMPTY METAL CABINET 370x300x140 mm**



Advised for offices of 10-30 people
Meets Italian law 388-Art. 1

- **34198 LARGE KIT - plastic case** • **34199 LARGE KIT - metal cabinet**
Size: 395x270x135 mm - 6.2 kg Size: 460x300x140 mm - 7.5 kg
- **34189 REFILL PACK** for code 34198-34199
without sphygmomanometer
- **34138 EMPTY PLASTIC CASE 395x270x135 mm**



- **34143 METAL CABINET**
Supplied with 3 internal metal shelves, removable bottle floor support, 2 small shelves on the door, lock and key.
Size 402x582x202 mm - 12.9 kg
- **34145 EMPTY METAL CABINET 402x582x202 mm**

STANDARD CASES / CABINETS CONTENT	34194	34196 34197	34198 34199	34143	34151
Bags liquid soap		3		3	
Bags antiseptic wipes		3		3	
Bottle antiseptic solution 125 ml	1	1			
Bottle antiseptic solution 250 ml				1	
Bottle antiseptic solution 500 ml			2	3	2
Oxygenated water bottle				1	
Ammonia bag		2		2	
Pair protective gloves, sterile	2	2	5	5	5
Box of 10 assorted plasters	1	1	2		2
Box of 100 assorted plasters Plastosan				1	
Box of 100 assorted plasters 7x2 cm Plastosan				1	
Adhesive plaster roll 2,5 cm x 5 m	1	1	2	2	2
Elastic bandage with clip 4,5 cm x 7 m				1	
Pack of 8 assorted gauze bandages				1	
Gauze bandage 10 cm x 3,5 m	1	1			
Tubular net gauze			1	1	1
Pack of sterile compress 10 x 10 cm	3	3	10	10	10
Pack of sterile compress 18 x 40 cm	1	3	2	6	2
Pack of cotton wool	1	1	1	3	1
Mask with face shield			1	1	1
Pair of scissors cm 14,5	1	1	1	1	1
Sterile forceps	1	1	2	2	2
Haemostatic lacet	1	1	3	3	3
Sphygmomanometer + Stethoscope			1	1	1
Sterile blanket 40 x 60 cm		1	2	2	2
Pack of instant ice, single use	1	1	2	2	2
Digital thermometer			1	1	1
Trash bag	1	1	2	5	2
First aid multilanguage booklet	1	1	1	1	1
Guidance leaflet	1	1	1	1	1
Irrigating solution 250 ml	1	1			
Irrigating solution 500 ml			3	3	3
Triangular blanket 96x96x136 cm		1		4	
Isothermic blanket gold/silver 160x210cm				1	
Sterile burn gel sachet 3.5 g				3	
Compressive Emocontrol bandage				1	
Pinocchio helicoidal open mouth Vento				1	
Autoclavable resuscitator with facemask N° 4					1
Oxygen bottle 0.5 l empty - UNI standard					1
Guedel airways					3
Atoxic tube for oxygen					1
Mouth opener					1

• 34151 GIMA 3 - FIRST AID CASE + OXYGEN

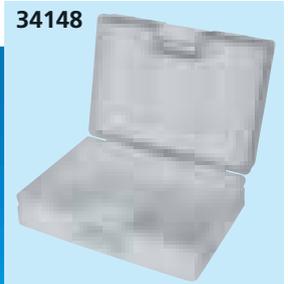
Advised for up to 50 people

Meets Italian law D.M. 388 (15.7.03) art. 1 + emergency kit.

Emergency kit includes:

- autoclavable resuscitation with security valve, and silicone mask n. 4.
- oxygen bottle 0.5 l (empty) with reductor and oxygen distributor - UNI standard.
- 3 guedel airways, atoxic tube for connection to oxygen, mouth opener.

• 34148 GIMA 3 - EMPTY PLASTIC CASE



HYPOR-PLAST

Extensible adhesive bandage

White extensible 100% polyester non-woven on roll. Extremely breathable and very conformable. Hypoallergenic, reliable skin friendly acrylic adhesive.

Indications: ideally suited to fix medications and other medical devices.

GIMA code	EXTENSIBLE ADHESIVE BANDAGE
34863	roll m 10 x 5 cm
34864	roll m 10 x 10 cm
34865	roll m 10 x 15 cm



EMOCONTROL

• 34782 EMOCONTROL

Emocontrol is an easy, quick and effective elastic bandage for injuries and small haemorrhages. Length 4.5 m, width 10 cm with a 10x10 cm pad and 2 clips. English, italian instructions. Made in Italy



COHESIVE BANDAGES

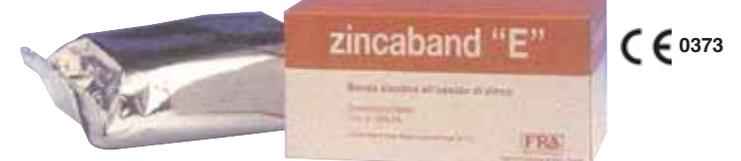
ELASTIC COHESIVE BANDAGES

Cohesive bandage with instantaneous and lasting fixation. It adheres only to itself and not to the skin, hair or clothing. Doesn't slip, is air-permeable, with stretchability of approx 115%. Comfortable, well tolerated by skin, it adapts perfectly to part to be treated. Versatile to use, easy to apply, permits free movement. Made in Italy.



- 34710 COHESIVE BANDAGES 6 cm x 4 m - box of 72 pcs
- 34711 COHESIVE BANDAGES 8 cm x 4 m - box of 72 pcs
- 34712 COHESIVE BANDAGES 10 cm x 4 m - box of 36 pcs

ZINC-OINTMENT BANDAGE



- 34715 ZINC-OINTMENT ELASTIC BANDAGE 10 cm x 5 m Homogeneously soaked in zinc ointment is ready for use and stretchable in length. Each band is packed in sealed metal bag and carton box. Made in Italy.

TEXTILE COMPOSITION

Viscose 71% - Polyamide 29% - Soaked with zinc oxide, gelatine, glycerin, propyl-hydroxybenzoate, metil-hydroxybenzoate, water. Elasticity: 60% (+/-10%)

BANDAGES, COTTON WOOL



GIMA code	BANDAGES AND COTTON WOOL
34840	Gauze bandage 3.5 m x 5 cm - pack of 12
34841	Gauze bandage 3.5 m x 7 cm - pack of 10
34842	Gauze bandage 3.5 m x 10 cm - pack of 6
34837	Cotton wool 100 g - box of 50 packs
34836	Cotton wool - 250 g - box of 10 packs
34838	Cotton wool 1000 g - box of 10 packs

FABRIC SPORT TAPES



GIMA code	ZINC OXIDE WHITE FABRIC TAPE NON ELASTIC ADHESIVE BANDAGE	Minimum order
34753	Tape 14 m x 2.5 cm - for finger	box of 48
34754	Tape 14 m x 3.8 cm - for wrist	box of 30
34755	Tape 14 m x 5 cm - for ankle	box of 24

ELASTICATED BANDAGES

Elasticated bandage for containment, individually protected by a single cellophane, in a box.

- Available in 2 versions:
- **Non adhesive** (65% cotton and 35% polyamide fibre)
 - **Adhesive** (99.7% cotton and 0.3% polyamide).
- Made in Italy.



GIMA code	ELASTICATED BANDAGES
34720	Bandage size 5 cm x 4.5 m - box of 20 pcs
34721	Bandage size 7 cm x 4.5 m - box of 20 pcs
34722	Bandage size 10 cm x 4.5 m - box of 20 pcs

GIMA code	ELASTICATED ADHESIVE BANDAGES
34730	Adhesive bandage size 6 cm x 4.5 m
34731	Adhesive bandage size 8 cm x 4.5 m
34732	Adhesive bandage size 10 cm x 4.5 m

ELASTICATED TUBULAR NET

Elastic tubular net for the application of gauze and medication. Due to its versatility it is suitable for all parts of the body. The special structure of the material allows a stretching which holds without compressing. Made in Italy.



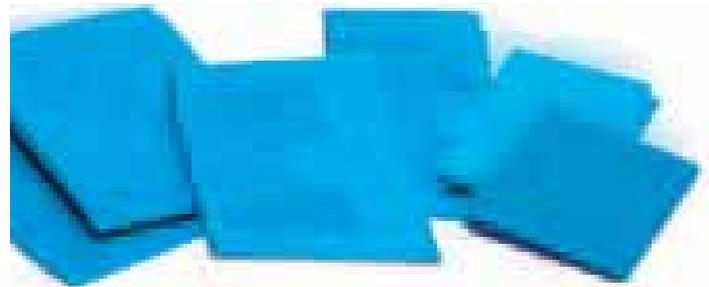
GIMA code	Range	Length under tension: 25 m		
34701	1			
34702	2			<i>small</i>
34703	3	1		
34704	4			
34705	5		5	
34706	6			
34707	7	2		8 <i>medium</i>
34708	8			
34709	9		6	9 <i>large</i>

STERILE ADHESIVE DRESSINGS



- **34848 OCULAR ADHESIVE DRESSING**
Sterile, extremely absorbent ocular dressing on hypoallergenic permeable adhesive backing.
Suitable for a safe and comfortable eye medication.
Size 6.5 x 9.5 cm - box of 10 pcs.
- **34845 STERILE ADHESIVE DEVICE for cannula fixation**
Size 8 x 5.8 cm - box of 50 pcs.

TNT+PE STERILE DRAPES



Rectangular non woven fabric tape (TNT+PE) with or without central protected adhesive hole, easy to apply.
Sterile disposable device. Made in Italy

TNT STERILE DRAPES	With hole Ø 7x9 mm	Without hole	Minimum order
TNT sterile drape 50x50 cm	34960	34950	box of 200 pcs.
TNT sterile drape 50x75 cm	34961	34951	box of 150 pcs.
TNT sterile drape 75x100 cm	34962	34952	box of 50 pcs.
TNT sterile drape 150x100 cm	34963	34953	box of 33 pcs.

ADHESIVE DRESSINGS



GIMA code	STERILE HYPOALLERGENIC ADHESIVE DRESSING WITH CENTRAL NON-WOUND-STICKING ABSORBANT PAD	Minimum order
34850	Sterile adh. dressing 7.2 x 5 cm	box of 8 pcs.
34851	Sterile adh. dressing 10 x 10 cm	box of 6 pcs.
34852	Sterile adh. dressing 10 x 15 cm	box of 4 pcs.
34853	Sterile adh. dressing 10 x 8 cm	box of 50 pcs.
34854	Sterile adh. dressing 10 x 15 cm	box of 50 pcs.
GIMA code	HYPOALLERGENIC EXTENSIBLE NONWOVEN ADHESIVE DRESSING TO BE CUT, WITH HIGHLY ABSORBENT CENTRAL WOUND PAD	Minimum order
34855	Size 1 m x 6 cm - box of 1 roll	10 boxes
34856	Size 5 m x 6 cm - carton of 12 boxes Recommended for sensitive skin	1 carton

BWT ADHESIVE DRESSING



GIMA code	STERILE HYPOALLERGENIC ADHESIVE DRESSING WITH CENTRAL NON-WOUND-STICKING ABSORBANT PAD
34857	Sterile adh. BWT dressing 8 x 6 cm - box of 50 pcs.
34858	Sterile adh. BWT dressing 10 x 10 cm - box of 50 pcs.
34859	Sterile adh. BWT dressing 10 x 15 cm - box of 50 pcs.

PLASTER ROLLS



- 34803 SKINTONE FABRIC** **34804 NON WOVEN** **34802 CLEAR PLASTER**
Each roll is supplied with a plastic roll cover except code 34808

PLASTER ROLLS - MADE IN ITALY				
Skintone fabric	Hypoallergenic Non woven	Hypoallergenic Clear Plaster	Size	Minimum order
34803	34804	34802	5 m x 2.5 cm	box of 12 rolls
-	34808	-	9.14 x 2.5 cm	box of 10 rolls
34806	34807	-	5 m x 5 cm	box of 6 rolls
34799	Shop Display: for showing up to 88 boxes (32 x 25 x h63 mm)			

ADHESIVE PLASTERS AND SPRAY



GIMA code	HYPOALLERGENIC ADHESIVE PLASTERS	Minimum order
34809	Water resistant - 19 x 72 mm	2000 (100 box of 20)
34814	Water resistant - 5 mixed sizes	2000 (100 box of 20)
34817	Sensitive skin - 5 mixed sizes	3200 (80 box of 40)
34818	Family mix strips - 10 mixed sizes	2400 (100 box of 24)
34819	Spray plaster - bottle of 30 ml	

Up to 40 applications.

ORIGINAL 3M MEDICATION PRODUCTS

GIMA code	3M code	3M MEDICATION PRODUCTS	Minimum order
TEGADERM™ STERILE - transparent film dressing			
34900	1624W	TEGADERM™ - 6 x 7 cm - sterile	box of 100 pcs.
34901	1626W	TEGADERM™ - 10 x 12 cm - sterile	box of 50 pcs.
34902	1627	TEGADERM™ - 10 x 25 cm sterile	box of 20 pcs.
34903	1628	TEGADERM™ - 15 x 20 cm sterile	box of 10 pcs.
34895	3582	TEGADERM™ + PAD 5x7 cm sterile	box of 50 pcs.
34896	3586	TEGADERM™ + PAD 9x10 cm sterile	box of 25 pcs.
SURGICAL TAPES			
34904	1530-0	MICROPORE™ - h 12,5 mm x 9.14 m	box of 24 rolls
34905	1530-1	MICROPORE™ - h 25 mm x 9.14 m	box of 12 rolls
34906	1530-2	MICROPORE™ - h 51 mm x 9.14 m	box of 6 rolls
34907	1530-3	MICROPORE™ - h 76 mm x 9.14 m	box of 4 rolls
34941	1527-1	TRANSPORE™ - h 25 mm x 9.14 m	box of 12 rolls
34942	1527-2	TRANSPORE™ - h 51 mm x 9.14 m	box of 6 rolls
34925	1538-1	DURAPORE™ - h 25 mm x 9.14 m	box of 12 rolls
34926	1538-2	DURAPORE™ - h 51 mm x 9.14 m	box of 6 rolls
34930	29911	MEDIPORE™ - h 50 mm x 9.14 m	box of 1 roll
34931	29912	MEDIPORE™ - h 100 mm x 9.14 m	box of 1 roll
34933	29914	MEDIPORE™ - h 200 mm x 9.14 m	box of 1 roll
STERI-STRIP™ STERILE - skin closure			
34909	R1540	STERI-STRIP™ - 3 x 75 mm	50 bags of 5 strips
34910	R1541	STERI-STRIP™ - 6 x 75 mm	50 bags of 3 strips
34908	R1542	STERI-STRIP™ - 6 x 38 mm	50 bags of 6 strips
34911	R1546	STERI-STRIP™ - 6 x 100 mm	50 bags of 10 strips
34912	R1547	STERI-STRIP™ - 12 x 100 mm	50 bags of 6 strips
34914	R1548	STERI-STRIP™ - 25 x 125 mm	25 bags of 4 strips
34913	R1549	STERI-STRIP™ - 12 x 50 mm	50 bags of 6 strips
34915	-	STERI-STRIP™ - 3 x 75 mm	1 bag of 5 strips
34916	-	STERI-STRIP™ - 6 x 75 mm	1 bag of 3 strips
34917	-	STERI-STRIP™ - 6 x 100 mm	1 bag of 10 strips
34918	-	STERI-STRIP™ - 12 x 100 mm	1 bag of 6 strips



STERILE MEDICATION, SUTURE, CATHETERIZATION KITS

- 26930 MEDICATION KIT - sterile
- 26931 SUTURE KIT - sterile
- 26932 SUTURE REMOVAL KIT - sterile
- 26933 CATHETERISATION KIT - sterile

KIT CONTENT	26930 medication	26931 suture	26932 suture removal	26933 catheter
Field cloth	•	•	•	
Cushing surgery forceps		•		
Needle Holder		•		
Anatomy forceps	•	•	•	
Ring shaped forceps	•	•	•	•
Styptic clamp (Kelly forceps)		•		
Straight scissors		•		
Gauze swabs 7.5x7.5 cm 8 ply	•	•	•	
5 Gauze plugs 35 mm	•	•	•	•
Latex medium gloves		•	•	•
Disposal bag big		•	•	•
Littauer scissors			•	
Medication plaster 15 x 12 cm			•	
Gauze swabs 10x10 cm 8 ply			•	
TNT+PE length of cloth			•	
Gauze compressed			•	



- 26980 ANATOMY FORCEPS - box of 100 - sterile
- 26981 NEEDLE HOLDER - box of 20 - sterile
- 26982 LITTAUER SCISSORS - box of 30 - sterile



GAUZE PADS AND TAMPONS | STERILE COTTON GAUZE PADS



GIMA code	GAUZES - NON STERILE	Minimum order
34770	Cotton gauze pad 5x5 cm - 16 ply - 100 pcs.	20 bags
34771	Cotton gauze pad 7.5x7.5 cm - 12 ply - 100 pcs.	10 bags
34772	Cotton gauze pad 10x10 cm - 16 ply - 100 pcs.	10 bags
34773	Cotton gauze pad 10x20 cm - 12 ply - 150 pcs.	10 bags
34780	Round gauze tampons Ø 30 mm - 100 pcs.	30 bags
34781	Round gauze tampons Ø 50 mm - 100 pcs.	15 bags
34790	Cotton gauze pad 10x10 cm - pack of 1 kg	20 packs
34791	Cotton gauze pad 20x20 cm - pack of 1 kg	20 packs
34792	Cotton gauze pad 30x30 cm - pack of 1 kg	20 packs



GIMA code	COTTON GAUZE PADS - STERILE	Minimum order
34760	Size 10x10 cm - box of 150 bags of 25 pcs	1 box
34761	Size 15x15 cm - box of 100 bags of 25 pcs	1 box
34762	Size 20x20 cm - box of 100 bags of 25 pcs	1 box
34763	Size 18x40 cm - carton of 50 box of 12 pcs	1 carton
34764	Size 36x40 cm - carton of 50 box of 12 pcs	1 carton

BARRYCIDAL "30": A WIDE-SPECTRUM DISINFECTANT



CHEMICAL COMPOSITION

Active ingredients:

- Alkyl (C₈H₁₇) -dimethyl benzil ammonium chloride: 9.75%
- Disobutyl Phenoxy ethoxy ethyl dimethyl benzil ammonium chloride: 3.25%

Inactive ingredients:

- Sodium nitrite: 4.5%
- Propylenic glycol: 10%
- Water: 72.5%

Italian Health Ministry authorization N° 3139

- **35760 BARRYCIDAL "30" - diluted**
Dilution 1:100 ready for use. 1 l bottle with 10 cc measurer cap. In each box of 24 bottles are included 1 dispenser and 1 spray. Acts in 30 seconds
minimum order: 24 bottles
- **35762 BARRYCIDAL "30" - concentrate, to be diluted**
Tube 225 cc. for appoximatively 24 l. Barrycidal "30" is a broad spectrum disinfectant.  0373
Thanks to its high activity and non-toxic properties, it is an ideal germicide without problems of tolerability. It is active on gram positive and gram negative bacteria while it exhibits powerful microbiological action also on fungi, moulds and viruses such as HIV and HBV. Useful for skin disinfection and surgical instruments disinfection (15 minutes of immersion).

DISINFECTANT POWDER

- **36640 GERMOCID PERACETIC POWDER - box of 500 g**  0546
Cold sterilizer disinfectant: the peracetic acid which forms from the reaction of hydrogen peroxide (which is obtained after dissolving the product into water) and tetracetiletildiammina carries on an efficacious biocid action towards **spores, virus (HIV, HBV, HCV), bacteria, mycobacteria and fungi**. At the concentrations of 1.6% it carries on **sterilization in 10 minutes**. The product is active in 15 minutes from dissolution, solution remains active for max 24 hours. Suitable for a cold rapid sterilization and disinfection of endoscopes, surgical and dental instruments, transducer, etc. It can be used also with automatic washing machines for endoscopes. No environmental impact: once in contact with discharge water, it degrades immediately into acetic acid, water, oxygen. Made in Italy.

CHEMICAL COMPOSITION

100 g of product contain:

Tetracetiletildiammina	24.8 g
Sodium Perborate Monohydrate	50.094 g
Citric Acid (Anhydrous)	24.8 g
Sequestering	0.1 g
Antioxidizing	0.2 g
Dyes	0.006



BOXES FOR COLD STERILIZATION



35770



35772

- **35770 STERILIZATION BOX - 1.5 l (26x12xh8 cm)**
- **35772 STERILIZATION BOX - 3 l (28x18xh10 cm)**
Useful plastic box, with an internal removable perforated instrument tray, specially developed for cold sterilization of medical instruments. White colour. Code 35772 is autoclavable. Made in Italy.

GERMOCID SPRAY

CHEMICAL COMPOSITION

100g of product contain

Clorexidine digluconate	0.1 g
Benzalconium chloride	0.1 g
Ethanol	45 g
2-Propanol	15 g
Essential oils, coloration and deperated water as needed for	100 g

Appearance: green liquid
Smell: characteristic pine  0546

- **36615 GERMOCID BASIC - 750 ml**
For disinfection and fast cleaning of every kind of medical surface materials which are not sensitive to alcohol like arm, handle and different dentistry objects.

- **Disinfectant action:** the association between Clorexidine and Quaternary ammonium Salt and the high alcoholic content guarantee a large action spectrum towards:
 - Bacteria gram+ gram fungus and virus HIV, HBC, HCV (HEPATITIS B and C) **in 1 minute of contact**.
 - Fungus, microbacteria and TBC **in 5 minutes of contact**.
- Strong detergent power and fast evaporation. It is not de-activated by organic substances.
- **Bactericide, viruscide and fungicide activity.**
Sold in box of 12 - only 2 bottles come with vaporizer.



36615

ENVIRONMENT DISINFECTANT

- **36616 ENVIRONMENT DISINFECTANT - bottle of 1 litre**
- **36617 ENVIRONMENT DISINFECTANT - tank of 3 litres**

Concentrated liquid detergent-disinfectant for instruments and environments. Dilute it in water to a ratio of 0.5% for the disinfection and the cleaning of surfaces, counter, tiles, floors, sanitary fixtures, also using floor-washing machines. Suitable in large areas (hospitals, clinics, rest homes, gyms, swimming pools) for the disinfection and cleaning of surfaces.

- **Disinfectant action:** guarantee a wide protection against virus, fungus, bacteria gram+ and gram-.
- **Detergent action:** contains non-ionic surface active agents to enhance the cleaning of surfaces. Well tolerated on skin, do not swallow.



36617

36616

CHEMICAL COMPOSITION

100 g of product contain:

Chloride of didicildimetilammonium	10 g
Isothiazolinomagnesium Chloride sol	0.2 g
Diluents and essential oils as needed for	100 g

Appearance: pale yellow liquid
Smell: citronella
Biodegradability: detergent according to rules CE n° 648/2004
Italian Health Ministry authorization N° 9658

HYGIENIC GEL

• **36600 HYGIENIC GEL - 80 ml**
No need of water to wash and clean your hands, dries up in few seconds. Contains a hygienic agent with germicide and pleasant lemon flavour. Made in Italy.



minimum order: 12 bottles

Place here your logo:
minimum 500 pcs.

ALCOHOL SWABS/PADS

• **36601 QUICKPAD DISPENSER**
Convenient to handle and ideal for cleaning the skin before injections, blood checks, infusions... The fleece pads are saturated with 70% Isopropyl Alcohol. The tight fitting lid prevents evaporations. Size 50x50x80 mm contains 150 pads, size: 44x44 mm, sterilized by Gamma radiation. **150 ALCOHOL SWABS**



U.S. and International Patents FDA Reg. #8010920

NOVALCOL: SKIN DISINFECTANT AND FUNGICIDE

- **36609 - NOVALCOL - 250 ml box of 12 bottles**
- **36611 - NOVALCOL - 1 l**
- **36613 - NOVALCOL - 3 l**

Novalcol can be used pure before and after the injection, or previously diluted in the ratio of 1:4 (1 part of Multialcol and 4 parts of water) in the preoperative cleaning of the patient (or for those confined to bed). Useful for disinfecting, cleaning and deodorizing rooms, floors, surfaces, tiles, sanitary facilities, etc. Novalcol is non toxic, non irritant and non inflammable. It does not stain or hurt. Efficient against gram⁺, gram⁻ - virus.

Instructions on the bottle in English - Italian

CHEMICAL COMPOSITION

Didecildimethylammonium Chloride	100 mg
O-Fenilphenol	20 mg
Isopropyl Alcohol	3.6 mg
Soluble essential oils of lemon	1 g
Djestuff E124	0.2 mg
Deionized sterilized water as needed for 100 g	
Made in Italy.	

Italian Health Ministry
Registration PMC 13428

36613



36609

36611

OXYGENATED WATER

- **36604 OXYGENATED WATER (Hydrogen peroxide) - 250 ml - box of 12**
 - **36606 OXYGENATED WATER (Hydrogen peroxide) - 1 l**
- Made in Italy.



36604

36606

SPRAY DISINFECTANT

- **36620 GERMOCID SPRAY DISINFECTANT - 400 ml**
- minimum order: 12 pcs

Spray disinfectant for environment, instruments and people, with high bactericidal power.
- Disinfects and deodorizes the air of crowded and smoky areas (hospital, classrooms, examination and surgery rooms, bathrooms, cars, trailers).
- Disinfects without burning
- Disinfects hands and injection area
- Active against the effects of perspiration
Instructions on box in English - Italian

36620

CHEMICAL COMPOSITION

100 g contain: O-phenilphenol 20 mg; alkylbenziloilammonium chloride 100 mg. Essential oils composition: isopropyl alcohol, propellers and other ingredients as needed for 100 g. Made in Italy.

Italian Health Ministry registration PMC 7604



DISINFECTANT WIPES

DISINFECTANT WIPES

- **36625 - tube of 100 wipes**
 - **36626 - box of 400 bags**
- Active against bacteria, virus and mycetes are ideal for children since they do not burn. Indispensable in the house, the car, in sporting events. Indicated for the disinfection of: insect bites - (applied on the skin as an insect repellent) - skin before and after injections - disinfection of hands and other body parts. Instructions on the box in English - Italian



36625

36626

CHEMICAL COMPOSITION

Each 100 g contains: Chloride of alkylbenziloilammonium 0.5% - O-fenilphenol 0.01% - Alchil iso-chinolina bromide 0.2% - Scent excipient detergent (Alchil-poliglicolerere) and water as needed. Made in Italy.

Italian Health Ministry registration PMC 12671

GERMOCID SOAP

- **36630 GERMOCID SOAP - 1 l**
- Antiseptic liquid for disinfection of skin and hands. It is studied for people who need frequent washing as surgeons, medical and hospital attendants. Made in Italy. Sold in box of 12 - only 2 pieces come with vaporizer.
Italian Health Ministry registration PMC 16161



SURGERY DISINFECTANT

- **36632 NEO STERIXIDINA SOAP - 1l**
- Recommended for preparation of hands before surgical intervention and for complete washing of patients. Direct action towards bacteria gram⁺, gram⁻, virus.

4% CHLOREXIDINE

CHEMICAL COMPOSITION

Each 100 g contains: Chlorexidine digluconate 4 g - Lauryl dimetilamino oxide 5 g - Poloxen 25 g - Isopropyl alcohol 4 g - Parfum 0.25 g - Gluconic Δ lactone 0.6 g Colorants E124 0.005 g - Depurated water as needed for 100g.

Italian Health Ministry registration PMC 18980



MULTIUSI GEL

- 36641 MULTIUSI GEL - 50 ml - box of 36 pcs.
- 36642 MULTIUSI GEL - 150 ml - box of 24 pcs.
- 36644 MULTIUSI GEL - 1000 ml

Cleanser hygienic for hands without water. Ready-to-use product, which contains ethyl alcohol for a rapid and effective hands antiseptis. It has been studied to sanitize and **clean hands without using water**. Thanks to its particular formula it destroys 99.9% of germs and bacteria on the hands in just a few seconds. It dries fast and leaves hands soft and fresh. Its disinfecting power is combined with an effective skin-protecting action, it guarantees hygienic protection in few seconds. Dermatologically tested.



FRAGRANCE - SKIN SOAP

- 36671 FRAGRANCE - 1000 ml

Delicate skin protective. Fragrance, soothing moisturizer active agents, respects the lipid mantle and it is delicate on skin, leaving it fresh and pleasantly soft. It is used for the daily hygiene as a normal liquid soap. Suitable for the intimate hygiene too.



CHLOREXIDINE DISINFECTION LINE



36638

suitable both for hands skin disinfection and for the disinfection of surfaces.

36635

36637

- 36635 GERMOXID DISINFECTION - 250 ml - box of 12 bottles
- 36637 GERMOXID SPRAY DISINFECTION - 100 ml - box of 12 bottles
- 36638 GERMOXID WIPE - box of 400 wipes

Germoxid is a ready-to-use disinfectant for skin that contains chlorexidine with long-lasting bactericidal action. Chlorexidine has a proven broad-spectrum effectiveness against Gram + and Gram - bacteria. The molecular structure of chlorexidine is very similar to that one of epidermis proteins and it is therefore rapidly and constantly absorbed by the skin. Chlorexidine is particularly suitable for skin disinfection: clinical research has demonstrated that chlorixidine triggers an immediate skin bacterial flora reduction till 87%. Chlorixidine is particularly safe for medical operators thanks to its high epidermis compatibility, it neither irritates the skin nor stains.

Available in 3 versions: liquid (250 ml), spray (spray dispenser allows a quick and efficient action and is eco-friendly) or wipes (ready-to-use disinfecting wet wipes containing chlorixidine).

DENTAL DISINFECTION - BACTERICIDAL MOUTHWASH



36655

- 36655 GERMORAL MOUTHWASH - bactericidal mouthwash

One display containing 12 bottles of 300 ml

Indispensable for daily oral hygiene, Germoral prevents and acts against the formation of bad smells because it stops fermentation in the oral cavity. It performs an essential antiplaque and bactericidal action. Particularly suitable for smokers, prosthesis or paradontic teeth users or after dental surgery for disinfecting the oral cavity. If regularly applied it prevents and acts against inflammations, gingival disorders, dental plaque formation.

- 36650 GERMOXID MOUTHWASH - 1 l with chlorexidine

Specifically formulated to guarantee the highest hygienic standards and oral cavity disinfection. Chlorexidine is the most widely used and effective germicidal agent and acts against gram + and gram - bacteria, giving an overall anti-plaque and anti-gingivitis action. Germoxid with its anti-plaque and bactericidal action guarantees efficient and long-lasting protection up to 12 hours. Its alcohol-free formula assures that neither gum irritation nor a burning sensation will be felt. It contains Aloe Vera in its formula: this is a particularly suitable extract for oral hygiene with high cicatrizing power.



36650

SURGEON BRUSHES

- 25719 SCRUB KIT - sterile - box of 32
- Sterile hand-cleaning hospital kit. It includes a scrub, a sponge and a plastic spatula for cleaning nails. Dry, without detergent. Sterilization method: ETO

- 25704 CHLOREXIDINA SCRUB KIT - sterile
 - 25705 PVP-IODIO SCRUB KIT - sterile
- Same as 25719 but with chlorexidine (4%) or iodio (7,5%) disinfectant
minimum order: box of 32 pcs



- 25715 PERFECTION BRUSHES

Nylon brushes for cleaning before and after operation. These brushes are autoclavable (at 100°C for not more than 5 minutes) and can be stored in any standard brush dispenser in hospitals. Resistant and reliable. Supplied in boxes of 12 units.

STERILIZABLE IN AUTOCLAVE

TESTS FOR AUTOCLAVE AND HOT AIR STERILIZATION



Notice "Sterilisé" and two stars drawing change colour **from pink to brown** to show effectiveness of 160°C - 1 hour or 180°C - 30 minutes or 200°C - 15 minutes sterilization and **to black** to show safety margin, doubling sterilization time for each temperature.

- **35840 "DRY STAR" INDICATOR**
- for hot air sterilization
- No special stocking requirements
- No maturity date
- Made in France



minimum order: 1,000 pcs.



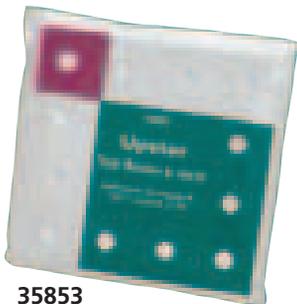
Notice "Sterilisé" and three stars drawing change colour **from pink to brown** to show effectiveness of 121°C - 15 minutes or 134°C - 3 minutes and 30" sterilization and **to black** to show safety margin of 121°C - 20 minutes and 134°C - 5 minutes sterilization

- **35850 "STEAM STAR" INDICATOR - autoclave**
- Indicator for sterilization by autoclave with pressure 1 to 2 bar 120°C/135°C.
- No special stocking requirements
- No maturity date
- Safety and reliability
- Made in France



minimum order: 1,000 pcs.

BOWIE & DICK TEST READY FOR USE



35853



Satisfactory:
green uniform
colour



Not Satisfactory: Central red colour
Time and/or temperature and/or steam
pressure incorrect

- **35853 UPSTAR - "BOWIE & DICK" - test**
- Bowie & Dick test ready for use
- Stability of colour change
- High sensibility, detect any anomaly
- minimum order: box of 30 tests



STEAM AND DRY HEAT ADHESIVE TAPE INDICATORS



35846

35842



For sterilization
at 134° brown strips
appear in 3 min.
For sterilization at 121°
brown strips appear in 15 min.

MEET UNI EN 867-PART 1-2 (CLASS A)
AND AS CHEMICAL INDICATORS ISO 11140-1

STEAM AND DRY HEAT TAPE INDICATORS

Gima range of tapes is specially formulated for packing purposes as well as to show visibly that the pack has undergone a sterilization cycle. The backing of the different tapes is made of strong, semicreped, impregnated paper which gives excellent conformability during the application. Steril tapes unwind easily and can be torn by hand without difficulty. Special adhesives formulated to withstand high temperature and humidity ensure excellent bond to paper, plastic, non-wovens, board, metal, glass and linen.

TAPE INDICATOR - 50 M	Width 19 mm	Width 24 mm	Minimum order
Dry Heat Tape - hot air sterilizer	35842	-	12 rolls
Steam Tape - autoclave	35846	35847	12 rolls

DISTILLER: SYSTEM OF WATER DISTILLATION



Size Ø 20 cm x h 36 cm

35690

• 35690 WATER DISTILLER

The autoclaves must run with distilled or demineralised water to avoid problems on electrovalves and on internal mechanism and white traces of limestone on the sterilized tools and devices. Distiller produces 100% distilled water in a cheap and safe way. It produces 4 litres in about 6 hours. It is equipped with an automatic control thermostat with block system at the end of operation. Supplied with 6 active cool filters, 1 detergent, 1 container for produced distilled water. Operating Voltage: 220V - 50-60Hz.

- **35691 COAL FILTERS FOR DISTILLER - box of 12**
- **35692 DETERGENT FOR DISTILLER**

BRANSON ULTRASONIC CLEANERS

Precision cleaning power

Ultrasonic cleaning is faster and safer than any other method. Scrubbing soaking and steam don't even come close. It's powerful enough to remove heavy oils and waxes, penetrating enough to deflux circuit boards, yet gentle enough to clean tiny precision assemblies. Ultrasonic sound waves moving through a cleaning solution create an effect called cavitation, the rapid formation and implosion of microscopic bubbles.

Heat enhances the process.

The deep-cleaning action of ultrasonics removes even the most stubborn dirt and contaminations.

Branson: pioneer in ultrasonic cleaning

We have selected Branson because their cleaners incorporate years of experience in ultrasonic cleaning:

-easy to handle and safe to fill - frequency higher than average for a deep cleaning - less noise - longer lifetime.

All Branson cleaners are supplied with tank cover.



Led Display: indicates the tank temperature, set temperature, ultrasonics time or degas time setting, depending on your SELECT OPTIONS choice.

Lights indicate the option selected by pressing "Select option":
 - SOLUTION TEMP: display current solution temp. (10-75 °C ±4°C)
 - SET TEMP: set tank temperature (01-69°C)
 - SET SONICS: set ultrasonic time (01-99 mins., 60 mins default)
 - SET DEGAS: set degas time (01-99 mins., 5 mins. default)
 - HEAT ON: indicates heat is activated and has been set (SET TEMP).



**MT
MECHANICAL
TIMER**

MT: with mechanical timer adjustable up to 60 minutes and with a setting for continuous cleaning.



**MTH
MECHANICAL TIMER
+
HEATING**

MTH: with mechanical timer and heating with special feature to avoid overheating due to absence of liquid.



**DTH
DIGITAL TIMER
+
HEATING**

DTH: with digital timer, heating with feature to avoid overheating, degas and temperature monitor. Offers maximum control of cycle time and temperature with clear readouts and one touch settings.



Branson 2510 - 2.8 litres



Branson 3510 - 5.5 litres



Branson 5510 - 9.5 litres



Branson 8510 - 20 litres



ULTRASONIC CLEANERS	Branson 2510	Branson 3510	Branson 5510	Branson 8510
	2.8 litres	5.5 litres	9.5 litres	20 litres
MT Mechanical Timer	35501	35510	35520	35531
MTH Mechanical Timer, Heat	35502	35511	35521	35532
DTH Digital Control, Heat, Degas, Timer	35503	35512	35522	35533
Tank size: mm.	240x140x100	290x150x150	290x240x150	495x280x150
Overall size: mm.	338x295x305	399x371x318	399x371x401	599x376x467
Tank capacity: litres (gal)	2.8 (3/4)	5.5 (1 1/2)	9.5 (2 1/2)	20 (5)
Drain and valve kit	NO	Included	Included	Included
Weight: kg (lbs.)	4.1 (9)	4.9 (11)	5.9 (13)	11.8 (26)
Power consumption without heat: W	130	130	185	320
Power consumption with heat: W	239	335	469	881
Frequency:KHz	40	40	40	40
ACCESSORIES				
Tank cover, plastic*or stainless steel**	35507*	35517*	35527*	35537**
Perforated Tray	35508	35518	35528	35538
Beaker positioning cover	35509	35519	35529	35539
Specifications of beaker	or 2 x 250 ml	or 3 x 250 ml	-	-
positioning cover	or 2 x 600 ml	or 2 x 600 ml	4 x 600 ml	6 x 600 ml
Glass beaker 250 ml	35540	35540	-	-
Glass beaker 600 ml	35541	35541	35541	35541

ULTRASONIC CLEANER



• **35549 GIMA 50 ULTRASONIC CLEANER 0.6 l**
 This ultra-compact cleaner is very easy to use, effective and economic. Ideal for all those who have to clean articles now and then, particularly suitable for glasses, jewelry, surgical and dental instruments.
 Electronic, not adjustable timer with plastic cover and basket. No heating. Internal size: 168 x 89 x 55 mm.

GENERAL PURPOSE CLEANER

• **35544 BRANSON GENERAL PURPOSE CLEANER - bottle 1 l concentrate**
 BRANSON PURPOSE is a cleaning solution developed for use with ultrasonic cleaners. Removes general soils, fingerprints, dust, light oils and greases.
 Branson cleaning liquid has been specially developed to provide optimal transfer of acoustic energy. Mainly used in: dentistry, medical and optical applications, laboratory, electronic, gold and silver work.



CHEMICAL SPECIFICATIONS

Concentration: 10-12%
 Biodegradability: yes
 Phosphate free
 Concentration PH: 13.5
 Rinsability: good

GERMY GIMA PLUS: GERMICIDAL ULTRAVIOLET LAMPS



35751

- 35750 GEMY GIMA PLUS 8 W - 38x20xh17 cm
- 35751 GEMY GIMA PLUS 15 W - 50x24xh20 cm
- 35752 GEMY GIMA PLUS 30 W - 96x24xh20 cm
- 35754 SPARE NEON LAMP - 8 Watt
- 35755 SPARE NEON LAMP - 15 Watt
- 35756 SPARE NEON LAMP - 30 Watt

AVAILABLE IN 3 SIZES

GERMY GIMA PLUS: ULTRA VIOLET LAMPS

These instruments incorporate a germicidal ultra-violet lamp which rapidly destroys every micro-organism hit by its rays. Recommended to keep the instruments stored inside sterile. Instruments previously sterilized can be preserved for a long time and they are always ready for use (UV treatments do not generate heat).

An inside supporting grate keeps instruments raised from reflecting surface which enables both surfaces to be uniformly irradiated, improving the UV germicidal action. Operator safety is guaranteed by a micro switch which extinguishes the lamp if door is opened. Solid construction, painted steel outside and reflecting stainless steel inside.

Installation on table or wall.
 Operating voltage: 230 V - 50/60 Hz - 1 A
 Made in Italy

GIMA QUICK: STERILIZATION IN 2 MINUTES

• **35640 GIMA QUICK - hot bead sterilizer**
 • **35642 GIMA QUICK PLUS with thermometer**
 GIMA QUICK hot bead sterilizer has been projected and developed specifically for medical use otherwise it is recommended also for dentistry, podology, veterinary tattoo and beauty studios.
 It ensures a quick and effective sterilization. It sterilizes files and mirrors in 2 minutes, surgical instruments in 2 minutes, curettes and forceps in 3 minutes. Its constant temperature over 230°C ensures the total destruction of micro-organisms and spores in few seconds. GIMA QUICK has its casing in epoxydic powders painted steel; the inside cylinder is completely isolated by fibres and glass, which prevents the heat from being transmitted to the external box.
 It can work continuously for the whole day. Supplied with a pack of glass beads (220 g). Made in Italy.

- **35645 PYREX BASIN**
- **35646 PACK OF GLASS BEADS**



CE 0425

35640

35642

TECHNICAL SPECIFICATIONS

Outer structure in white painted steel	Weight: 2.8 kg
Size: 130 x 130 x 190 mm	Power consumption: 150 W
Copper plated basket: diameter 5.5 cm	Operating voltage: 220 V - 50 Hz.
depth 7.5 cm	Warranty: 12 months Made in Italy

DIGITAL, THERMOVENTILATED HOT AIR STERILIZER, 20, 40, 60, 80 L



35594

Other features:

- electronically controlled high precision and safety
- forced air ventilation
- adjustable temperature from 140°C to 250°C
- adjustable time from 1 to 240 min.
- painted steel external structure, stainless steel internal room.
- door lock with security key
- safety device with double control (electronic and electromechanic) against high temperature.

Supplied with 2 extractable shelves and 1 bottom shelf
Made in Italy

Complete line of electronic hot air sterilizers, from 20 to 80 litres, suitable to sterilize a large quantity of instruments, with adjustable temperature.
A ventilation system guarantees in short time a precise temperature in all internal chamber.

GIMA code	DIGITAL THERMOVENTILATED STERILIZERS	Inside dimensions mm	Outside dimensions mm	Weight kg	Operating voltage	Power consumption	Fuses	Extractable shelves
35594	DT 20 hot air sterilizer - 20 litres	400x235x260	500x410x450	17	230-50/60Hz	615 W	2.60 A	2+1 (bottom)
35595	DT 40 hot air sterilizer - 40 litres	500x310x325	610x480x510	25	230-50/60Hz	815 W	3.50 A	2+1 (bottom)
35596	DT 60 hot air sterilizer - 60 litres	573x364x374	580x530x580	31	230-50/60Hz	1015 W	4.50 A	2+1 (bottom)
35597	DT 80 hot air sterilizer - 80 litres	635x415x410	740x570x630	42	230-50/60Hz	1025 W	4.50 A	2+1 (bottom)

TAU STERIL AUTOMATIC HOT AIR STERILIZERS 1.6 AND 18 LITRES



35600

- 35600 TAU STERIL 1.6 - automatic hot air sterilizer
- 35619 TAU STERIL 18 - automatic hot air sterilizer

TAU sterilizers have been designed to satisfy all daily medical requirements in the field of sterilization. Extremely robust, totally automatic, guarantee complete working safety.
TAU 1.6 has double wall and inner insulation, outside it is made of stove-enamelled sheet steel, inside of stainless steel 18/8 (double cover, sterilization chamber and removable perforated tray).
TAU 18 comes complete with safety fuses, neon warning lights to control timer and thermostat, power cable, 3 itallumac treated shelves, shelf extracting tongs.

Shining 18/8 stainless steel non corrosive, almost indestructible sterilization chamber which reflects the heat to reach rapidly desired temperature.



35619

Side and back in epoxidic powder painted



Front door completely made in satin stainless steel

TECHNICAL SPECIFICATIONS	TAU 1.6	TAU 18
Inside dimensions (mm):	245x115x h55	375x230x h200
Outside dimensions (mm):	310x180x h180	440x310x h380
Weight:	5 kg	14 kg
Operating voltage:	220V	220V
	110V available on request	
Power consumption:	250 W	600 W
Fuses:		3.15 A
Thermostat:	Automatic capillary bulb type with self registration from 90° to 200°	
Timer:	from 0 to 120 minutes	
Thermometer:	high precision with capillary bulb	
Made in Italy		

HOT AIR STERILIZERS: GIMETTE 1.5, 7, 21, 28 AND 50 LITRES



- 35601 GIMETTE 1.5 - hot air sterilizer
- 35607 GIMETTE 7 - hot air sterilizer

Automatic Gimette are compact and high quality hot air sterilizers with the same reliability and efficiency as larger models.

Outside structure is made of painted plate with anti-scratch epoxy powder.

Stainless steel lid and sterilization chamber with approx. Capacity of 1.5 l. and 7 l.

Removable, perforated for air circulation, tray with pliers.

All components certified by most important European brands, assembling in compliance with EN-61010.

A second safety thermostat triggers in case temperature should exceed 220°C.

Red LED indicates any anomaly in thermoregulation and consequent starting of safety thermostat.



TECHNICAL SPECIFICATIONS

GIMETTE 1,5	
Inside dimensions: 245 x 120 x 50 mm = vol. 1.5 dm ³	Weight: 4.3 kg
Outside dimensions: 310 x 180 x 180 mm	Fuse: 1 A
Power consumption: 250 Watt	
GIMETTE 7	
Inside dimensions: 410 x 180 x 90 mm = vol. 7 dm ³	Weight: 8 kg
Outside dimensions: 490 x 310 x 180 mm	Fuses: 2 x 2.5 A
Power consumption: 400 Watt	
Thermometer: high precision with capillary bulb	
Same specifications for both models:	
Operating Voltage: 230 V. - 50 Hz.	
Thermostat: automatic, adjustable 0-200 °C	
Timer: manual from 0 to 120 minutes	
2° Thermostat: bi-metallic certified	
Green LED: timer, orange LED: heating, red LED: alarm	
Made in Italy - Warranty 1 year	



- 35621 GIMETTE 21 - hot air sterilizer
- 35628 GIMETTE 28 - hot air sterilizer
- 35629 GIMETTE 50 - hot air sterilizer

Fully automatic hot air sterilizer, with adjustable temperature from 0°C to 200°C, kills off even particularly resistant micro-organisms.

Stainless steel structure is powder painted, except for the door, to assure maximum heat and shock resistance over time.

Four perforated, anodized aluminium trays make hot air circulation easier.

Capacity approximately 20 l., 28 l. and 50 l.

A second safety thermostat triggers in case temperature should exceed 230°C.

Red LED indicates any anomaly in thermoregulation and consequent starting of safety thermostat.



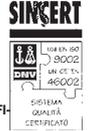
TECHNICAL SPECIFICATIONS

	GIMETTE 21	GIMETTE 28	GIMETTE 50
Inside dimensions mm:	300x250x260	380x250x260	405x340x350
Approx. volume	20 dm ³	28 dm ³	50 dm ³
Outside dimensions mm:	440x340x400	550x340x400	605x460x480
Weight:	13 kg	17 kg	24.5 kg
Power consumption:	600 Watt	500 Watt	1200 Watt
Same specifications for 3 models:			
Operating Voltage: 230 V. - 50 Hz.			
Fuses: 2 x 4 A (35621, 35628) 2 x 8 A (35629)			
Timer: manual from 0 to 120 minutes			
Thermostat: automatic			
Thermometer: high precision with capillary bulb			
2° Thermostat: bi-metallic certified			
Green LED: timer, orange LED: heating, red LED: alarm			
Made in Italy - Warranty 1 year			
User/Service manual in Italian, English, Spanish			

ANDROMEDA VACUUM XP AUTOCLAVE WITH PRINTER 15-21 LITRES

Twin tanks for pure and used water: by using always pure water, the internal components are protected, with benefits in maintenance and service costs

Door opening block with electromagnet



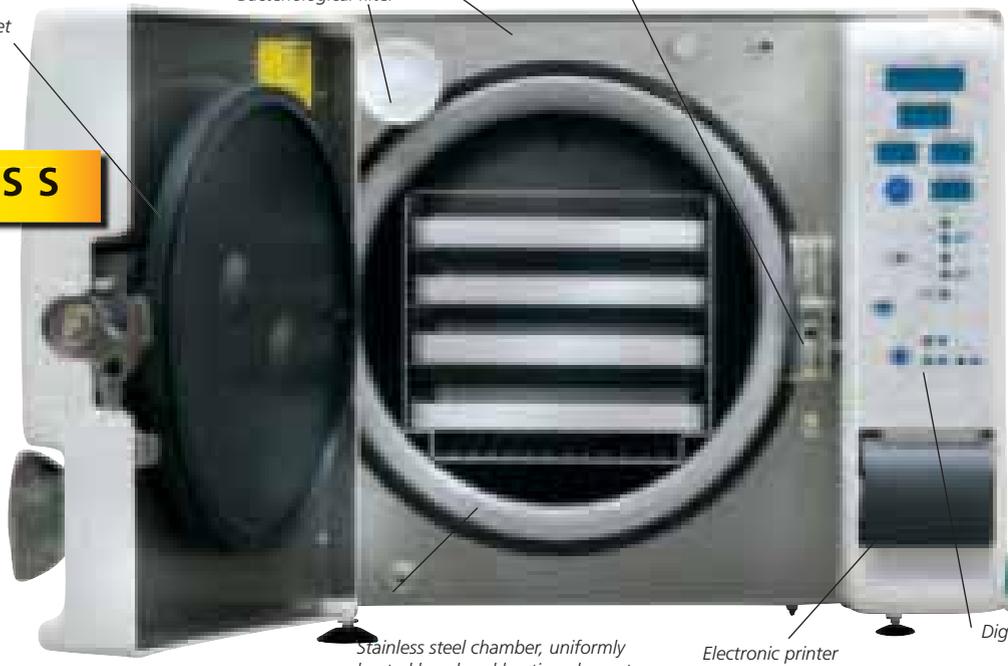
MICROBIOLOGIC CERTIFICATION

93/42/EEC Medical device Low
73/23/EEC tension Electroma-
93/36/EEC gnetic Compatibility

Door gasket

Bacteriological filter

CLASS S



Stainless steel chamber, uniformly heated by a band heating element

Electronic printer

Digital control

Andromeda Vacuum is supplied with printer built into the drive board. The printer document certifies the sterilization by indicating all the data related to the cycle.



- 35651 ANDROMEDA VACUUM XP - 15 litres - 230 V
 - 35662 ANDROMEDA VACUUM XP - 21 litres - 230 V
- Pre-and post-vacuum.**

Andromeda Vacuum is provided with powerful vacuum pump which, at the beginning of the cycle, ejects the airpockets from the sterilization chamber, and at the end of the sterilization phase ensures a very good drying.

Rapid preheating

A very new method of preheating, through a special band heating element, gives a high reduction of the preheating times.

Guaranteed sterilization

A sophisticated electronic device gives a constant monitoring of pressure, temperature and time. In case of anomalies there will be an electronic lock of the autoclave and the display will indicate the anomaly.

"Night" cycle with anti-condensate device

Andromeda Vacuum can work also without the operator presence as all functions are automatic. At the end of each cycle a special device eliminates the backwater of condensate, afterwards there is the automatic sign off, but with electronic storage.

Safety of the operator

Andromeda Vacuum has an electromagnetic block device on the door. The door opens only with atmospheric pressure into the chamber, and after having pressed the push button.

Completely computerized monitoring of all automatic functions, and auto-diagnosis of each component. The total automation of each phase of the cycle prevents any possible human error, also from inexperienced personnel

Timed start, with positioning in "Stand-by" at 80°C and automatic switch off after one hour not in use.

Automatic filling up of the water: a pump allows the filling up, and stops automatically when the maximum level is reached.



- 35671 SEALING GASKET - for Andromeda and Europa
- 35672 BACTERIAL FILTER - for Andromeda and Europa
- 35673 VAPOR LINE STERILIZATION INTEGRATOR - for Andromeda and Europa

TECHNICAL SPECIFICATIONS

External size: 45 x 39 x 54 cm (35651, 35661), 45x39x66 cm (35662)
 Chamber dimension: Ø 24.5x32 cm depth (35651, 35661),
 Ø 24.5x43 cm depth (35662)

Weight: 50 kg
 Operating Voltage: 230 V - 50/60 Hz
 Power consumption: 2000 Watt
 Made in Italy
 Class S

Cycles

Andromeda Vacuum is provided with 5 cycles of sterilization: 121° C and 134° C for unwrapped and wrapped instruments, and a "Flash" cycle for the fast sterilizations.

Cycles	Temperature	Max load	Pressure	Total time*
Program 1 Unwrapped instruments	134° C	2.8 Kg	2.2	33
Program 2 Wrapped instruments	134° C	2.8 Kg	2.2	38
Program 3 Unwrapped instruments	121° C	2.8 Kg	1.2	42
Program 4 Wrapped instruments	121° C	2.8 Kg	1.2	46
Program 5 Flash	134° C	2.8 Kg	2.2	16

* pre-heating - vacuum - cycle - drying in vacuum

User manual available in English, French, Spanish, Italian

EUROPA: AUTOCLAVE WITH PRINTER AND PC CONNECTION

- 35653 EUROPA B EVO AUTOCLAVE - 15 litres
- 35657 EUROPA B EVO AUTOCLAVE - 24 litres

Fractionated Vacuum: B type fractionated vacuum managed by a double phase vacuum pump to ensure complete evacuation of air.

Microprocessor System and Evaluation System Built in: All functions and controls are managed by an updated microprocessor electronic system.

System of integrated valuation: An electronic control ensures a self valuation and the management of all functions.

New electronic control: The control card is integrated in the board to allow temperature settings to be preset, automatic barometric alignment to take place, multifunction graphic display to work and carries the management availability for the integral P.I.D. system.

Safety Door: The door is equipped with three systems to ensure the operators safety: Dynamic, Electromagnetic, and Electronic. The door will only open when the internal pressure is zero, ensuring the operators safety.

6 Automatic cycles without operators: Six automatic sterilization cycles which do not need the operator to be present. All equipped with an anti-condensation function and automatic cut off.

3 Cycle tests for vacuum check: Europa B XP has 3 test cycles available: VACUUM TEST, for the air pockets evacuation BOWIE & DICK TEST, for hollow-tools HELIX TEST.

Warranted drying: The combined vacuum and heat drying cycle ensures that the equipment is totally dry as required.

Stainless steel chamber: The T-PED certified stainless steel cylinder ensures the heat is uniformly dissipated.

Validating System: Prearranged validating system of the sterilization cycle.

Water tanks: A clean water tank and a dirty water tank ensure the best possible sterilization cycle and enhance the working life of your equipments

TECHNICAL SPECIFICATIONS

	35653 (15 litres)	35657 (24 litres)
Operating voltage	230V - 50/60 Hz (110V on request)	
External size mm:	510x590x390	510x730x390
Weight kg:	54	58
Max absorbed power	1600W	2400W
Chamber size mm	Ø 245x320	Ø 245x500



CLASS B



This is a unique autoclave equipped with incorporated printer and PC connection

P.I.D. REGULATION SYSTEM
SPECIAL CONTROL TO MONITOR THE PARAMETERS OF THE STERILIZATION CYCLE



Cycles	Materials	Ster. time
121° C not packed in bags	Fragile solids Rubber solids	52 min.
121° C packed in bags	Delicate hollow and porous instruments Solids instruments	60 min.
134° C not packed in bags	Fragile solids Rubber solids	42 min.
134° C packed in bags	Solid instruments Hollow and porous instruments	50 min.
134° C PRION	Solid instruments Hollow and porous instruments	65 min.
134° C POROUS	Hollow and porous instruments not packed in bag Solid instruments not packed in bag	58 min.

KRONOS B AUTOCLAVE 18 AND 23 L WITH PRINTER

- 35663 KRONOS B AUTOCLAVE - 18 LITRES
- 35664 KRONOS B AUTOCLAVE - 23 LITRES

Fractionated vacuum, managed by high performance double-stage pump, ensures complete evacuation of air.

Motor-operated door closure with triple-protection, guarantees better safety, greater ease of handling and self-regulation of the door.

Instantaneous vaporized outside the chamber allows higher sterilization speed and reduces water consumption.

Thermal printer built into the machine allows complete recording of the sterilization cycle. Ensures the user greater cycle control and easy archiving.

Multi-language graphic display offers to operator easier selection of the sterilization cycles, continuous control over the cycle phases and gives graphic indication of the errors committed by the operator.

Connection to PC.

Thick aluminium chamber giving faster sterilization cycle.

- 35665 GASKET - spare



Instantaneous vaporizer Graphic display Connection to PC Aluminium chamber

TECHNICAL SPECIFICATIONS

	35663 (18 litres)	35664 (23 litres)
Operating voltage	230V - 50/60 Hz (110V on request)	
External size mm:	610x505x400	695x505x400
Weight kg:	56	60
Wrapped/sterilizable weight kg:	3	4,5
Unwrapped/sterilizable weight kg:	4	6
Porous material/sterilizable weight kg:	1	1,5
Max absorbed power	2400W	2400W



35663

Cycles	Materials	Vacuum phases	Ster. time
121° C Hollow** wrapped	Delicate hollow and stainless steel hollow (wrapped)	4	26 min.
134° C Hollow wrapped	Stainless steel hollow (wrapped)	4	14 min.
121° C Solid wrapped	Solid rubber and delicate solids (wrapped)	2	26 min.
134° C Solid wrapped	Stainless steel solids (wrapped)	2	14 min.
134° C Pryon	Stainless steel solid and hollow (wrapped)	4	30 min.
121° C Porous	Delicate, hollow and porous (wrapped)	4	31 min.
134° C Porous	Solid stainless steel, hollow, and porous (wrapped)	4	19 min.
121° C Fast	Solid rubber and delicate (unwrapped)	2	20 min.
134° C Fast	Solid rubber (unwrapped)	2	8 min.
134° C Hollow unwrapped	Hollow rubber and stainless steel (unwrapped)	4	8 min.
134° C Helix/B&D test	Test cycle for Helix and Bowie & Dick	4	7.5 min.
<40° C Vacuum test	Test cycle for vacuum	1	15 min.

** Type A and B hollow instruments, in accordance with EN13060

NUBYRA 6 LITRES STEAM AUTOCLAVE - CLASS N



• **35647 NUBYRA AUTOCLAVE - 6 litres - 230 V**
 Electronic steam autoclave for the sterilization of unwrapped instruments. 2 fully automatic, microprocessor controlled, sterilization cycles: at 134°C or 121°C with automatic drying. LCD display with visualization of temperature and pressure for total control of sterilization cycle. Easy closure system with double safety sensor. Air pockets automatic ejection system: thermodynamic system for the ejection of "cold" air pockets. Anodized aluminium chamber, 2 electronic temperature sensors (1 inside chamber and 1 outside) and electronic transducer for better control of pressure. Supplied with 3 aluminium trays. Available on request 110 V.

93/42/EEC
73/23/EEC
89/336/EEC
EN 13060

Medical device
Low tension
Electromagnetic
Compatibility



Cycles	Materials	Sterilization time	Drying time	Max load	Working pressure
Not wrapped 121° C	•Fragile solids •Rubber solids •Glass •Turbines if indicated by producer	18 min.	5 min. short dry or 15 min long dry	2.1 kg 700 g load in any tray	1.1÷1.2 bars
Not wrapped 134° C	•Stainless metal solids •Turbines if indicated by producer	6 min.	5 min. short dry or 15 min long dry	2.1 kg 700 g load in any tray	2.1÷2.2 bars

minimum 10 pieces
 • **35648 GASKET - spare**

TECHNICAL SPECIFICATIONS

Anodized aluminium chamber:
 ø 17x27 cm - 6.1l
 External size: 44x45xh 35 cm
 Trays size: 1 large 15x24x2 cm
 2 small 11x24x2 cm
 2 sterilization cycles: 121°C and 134°C
 Maximum load: 2 kg

Operating voltage: 230V - 50/60 Hz
 Max absorbed power: 1,300 Watt
 Net weight: 27 kg Class N
 Made in Italy - Warranty: 1 year
 User manual:
 English, Italian,
 (French, Spanish on request).

PRESTIGE CLINICAL AUTOCLAVES: EXCELLENCE THROUGH DESIGN



PRESTIGE AUTOCLAVES - class N

Prestige is one of the world's largest selling and most cost effective automatic autoclave available, with an enviable reputation for reliability, durability, safety and quality.

- Lifetime warranty on heating element
- Method recommended by healthcare professional worldwide including the World Health Organisation (WHO).
- Each autoclave is computer tested and issued with a unique Performance Test Certificate.
- At only 4.5 kg net weight, offers full device portability.
- Supplied with basket, tray, lifting fork.

Recommended for infection control not only in hospital and general medical and dental surgeries, but also in veterinary, chiropody, professional beauty, tattooists, acupuncture, laboratories and schools. Multilingual user manual. Comply with: IEC 601, DIN 58946, EMC, UL 544, BS3970 part 4, ESCHLE

TECHNICAL SPECIFICATIONS

	35709	35712
Capacity :	9 l	12 l
Chamber internal dimensions (D/H)	210/236	210/328
Maximum instrument length (diagonal):	228 mm	290 mm
Maximum loading weight:	3 kg	4 kg
Width/height:	340/335	340/420

Same specifications for 2 models:

Sterilizing time: 11 minutes
 Cycle time (nominal) minutes: 22 minutes
 Operating pressure: 1.40 bar
 Sterilizing temperature: 126 °C
 Operating voltage: 230 V - 50-60 Hz - Power 1.500 Watt
 Made in UK - Warranty: 1 year



GIMA code	PRESTIGE MEDICAL AUTOCLAVES
35709	Prestige autoclave 9 litres
35712	Prestige autoclave 12 litres
35720	Silicone sealing gasket
35722	Depressurization valve

GIMA VERTICAL AUTOCLAVE H 100 - 9 LITRES - CLASS N

- **35746 H100 GIMA AUTOCLAVE - 9 litres - 230 V**
- **35656 H100 GIMA AUTOCLAVE - 9 litres - 110 V**



This autoclave is safe and easy to use. It is used to sterilize surgical instruments and hand-pieces which can be sterilized up to 125°C. All this with a sterilization cycle of 15 minutes. It is composed of an external frame of painted steel and a stainless-steel 18/10 body without any welding, with three safety valves.

Safety systems

- Safety lock to prevent opening of the door during the sterilization cycle; the door can only be opened when pressure inside the chamber is levelled to the ambient one.
- Safety valve for vapour exhaust in case of damage with inside overpressure > 2.5 bar.
- Safety thermostat which occurs if the inner temperature of the chamber rises over 135°C.
- Thermodynamic vacuum.

STANDARD ACCESSORIES

Stainless steel basket
 Distilled water bottle 1 l
 User manual in English, French, German, Italian, Spanish

Raclair tube
 Electric cable

TECHNICAL SPECIFICATIONS

External size: 258 x 300 x h 370 mm
 Size of the sterilizing chamber:
 Ø 220 mm - h mm 215
 Removable basket: Ø 210 mm - h mm 215
 Sterilizing liquid: distilled water
 Absorbed power: 1500 Watts
 Operating voltage:
 110 V or 230 V - 50/60 Hz
 Fuses: type 6.3 x 32 mm - 8A
 Operating temperature: 125 °C
 Sterilizing time: 15 minutes
 Operational pressure:
 1.6/1.7 bars (170/180 KPa)

Safety bolt and valve indicating pressure

Starting cycle knob



■ HYDRA EVO ELECTRONIC 15 OR 18 L STEAM AUTOCLAVE - N

- 35658 HYDRA EVO AUTOCLAVE - 15 litres - 230 V
- 35659 HYDRA EVO PLUS AUTOCLAVE - 18 litres - 230 V

Automatic steam autoclaves for the sterilization of unwrapped instruments. Closure system with an operator safety pivot. Thermodynamic system for the ejecting of the "cool" air locks.

Two sterilization cycles: 121°C and 134°C

Automatic phases of pre-heating, sterilization cycle and drying.

Pre-set, non-modifiable cycles

All cycles are pre-set at the factory and guarantee perfect and safe sterilization of treated materials. There is no way the operator can manipulate or alter the cycles, and this safeguards against risks deriving from human error.

Pre-set temperatures

The temperatures set for our autoclave cycles are 134°C and 121°C. The 134°C cycles are normally used for the sterilization of solid and ferrous materials. 121°C cycles are normally used for sterilization of thermoplastic and delicate materials.

Water tank

Hydra EVO only has one water tank. This tank must be filled with distilled or demineralized water and acts as a container for collecting the used water which is then re-utilized for new cycles.

Safety on the door

Each door is equipped with 2 locks:

- a mechanical one which does not open when pressure is exerted
- a dynamic one, that operates thanks to a special form of door seal

Safety devices installed

- Certified safety valve
- PED on sterilization chambers
- Insulation of the chamber with certified ceramic material.



35658

93/42/EEC
73/23/EEC
93/336/EEC

Medical device
Low tension
Electromagnetic
Compatibility



MICROBIOLOGIC
CERTIFICATION



Controls on the Autoclave

- Control of the water that enters into the chamber
- Safety Thermostat
- Time Control

The sterilization chamber is completely stainless steel AISI 304 and it is heated by a band shaped heating element which grants uniformity of the heat. Supplied with four aluminium trays and one key for their extraction.

User manual available in English, French, Italian, Spanish.

- 35671 Sealing GASKET - spare
- 35669 HEATING BAND DHY A035 for 35650, 35654

TECHNICAL SPECIFICATIONS

Stainless steel chamber: ø 24.5 x 32 cm ø 24.5 x 40 cm (Plus)
External size: 44 x 38 x 50 cm (W x H x D)
Net weight: 35 kg
2 sterilization cycles: 121°C and 134°C
Operating Voltage: 230 V±10% - 50/60 Hz
Power consumption: 1.3 KW
Class N
Made in Italy - Warranty: 1 year

Cycles	Materials	Sterilization time	Drying time	Max load	Working pressure
Not wrapped 121° C	•Fragile solids •Rubber solids •Glass •Turbines if indicated by producer	20 min.	5 min.	2.8 kg 700 g load in any tray	1.2±1.3 bars
Not wrapped 134° C	•Stainless metal solids •Turbines if indicated by producer	10 min.	5 min.	2.8 kg 700 g load in any tray	2.1±2.2 bars

■ D-500 DIGITAL SEALING MACHINE WITH DOT MATRIX PRINTER



• 35910 D-500 SEALING MACHINE

D-500 is a continuous sealing machine for medical pouches according to DIN rules 58953, P7 with dot matrix printer. It allows a 12 mm multi-line seal and features stand-by function and automatic infeed through photocell. D-500 is equipped with **built-in printer** to print different data on the bag (sterilization/expiry dates, statutory symbols) during the sealing process in order to provide constant control on the sterility of your instruments, especially when the paper layer of the sterilization bag is less tight, after 30 days, and consequently

losing instruments sterility. Built in epoxy coated stainless steel. D-500 is a sophisticated unit controlled by a microprocessor and equipped with a device to adjust temperature (displayed by LCD) and printing parameters.

The sealing pressure is automatically adjusted according to the material thickness. It also guarantees 30 mm safety distance between seal and product, according to DIN rules. All medical centres wishing to obtain certifications should use D-500 Sealer. Easy to use and maintenance-free, it is the ideal solution for clinics and hospitals.

- 35912 INK-CARTRIDGE D-500 - spare part

TECHNICAL SPECIFICATIONS

Infeed speed	6 m/min
Temperature control	by digital thermoregulator
Sealing temperature	80°±200" C
Temperature tolerance	±2%
Seal	Multiline
Seal width	12 mm
Adjustable free edge	0 ÷ 30
Power supply	230 V-50/60 Hz-single phase
Absorption	600 W
Dimensions	495 x 220 x 172 mm
Net weight	12 kg
Made in Italy	

D-351 SEALING MACHINE: ELECTRO-MAGNETE OPERATION



• 35900 D-351 IMPULSE SEALING MACHINE

It is the latest development of the compact impulse medical sealers, conform to DIN 58953 P.7 rules, specially designed to be used in medical, dental, oculistic surgeries and test laboratories.

Main features:

- Sealing and cutting length 35 cm - Safety check with alarm.
 - Main board with temperature control to avoid overheating of the sealing wire - Sealing bars closed by electromagnet
- Complete with foil-roll dispenser and built-in cutting device.

Easy

- By the pressure of only one finger, without using levers, the bars close automatically.

- The electro-magnet guarantees a steady sealing pressure for the whole set period.
- The sealing bar opens automatically at the end of the cycle, requiring no action by the operator.

Quick

- The electro-magnetic system allows a substantial saving of the packing time. Quick foil feeding.

Safe

- The machine does not start the sealing cycle if there is an object with a thickness over 3 mm between the bars.
- The electronic temperature control through a NTC probe provides a perfect temperature accuracy from seal to seal.
- The electronic alarm function avoids any overheating.

- 35902 TEFLON - spare
- 35903 RESISTOR - spare

TECHNICAL SPECIFICATIONS

Sealed materials: paper/polyethylene/polyester - Tyvek®
 Sealing length: 350 mm
 Sealing width: 8 mm as per DIN 58953 P. 7 rules
 Electronically controlled sealing time: 0.5 sec.
 Cutting length: 350 mm
 Foil-roll dispenser 350 mm
 Power: 230V- 50/60 Hz single - phase
 Max absorption: 700W, only during the sealing time
 Dimensions: 44x17.5x31 cm Weight: 18 kg
 Built in accordance with CEI EN 60204- 1 rules
 Made in Italy

COMPACT SIZE ELECTRONIC THERMOSEALING MACHINES



• 35905 GIMA V300 VERTICAL THERMOSEALER

A new concept of Thermosealer.

Vertical thermosealer for small places:

The innovative vertical shape and its compact size enable the use of this machine in any small place. Its width, including the support plane is only 42 cm.

Safety features:

Security was the first priority in the development of this device, all units are provided with 3 different safety features:

- Protective guard to avoid the contact between fingers and blade of the sealing unit
- protected resistor group
- automatic auto shut-off timer in case of probe failure

Quick sealing in 3 - 5 seconds:

The advanced system of automatic sealing control avoids paper and rolls burning enabling the quick and continuous sealing of hundreds of pieces, **sealing time from 3 to 5 seconds!**

- 35907 TEFLON V 300 - spare
- 35908 GROUP RESISTOR V300 - spare part

TECHNICAL SPECIFICATIONS

Sealing width: 12 mm	Power resistance: 100 W
Sealing length: 300 mm.	Operating Voltage: 220/230 V - 50/60 Hz
Support plane size: 15 cm	115 V on request
Sealing time: 3 to 5 seconds	Size: 42x39.7x14.3 cm
Weight: 5 Kg	All components IMQ, UL, DVE approved

ULTRA-COMPACT SEALINGS FOR 300 MM AND 450 MM SEALS

COMPACT SEALINGS

A revolutionary thermosealing at unbeatable price. Extremely compact, only 12.5 cm depth, allows very quick sealings in 3-5 seconds.

Available in 2 versions for 300 mm or 450 mm sealings



- 35920 GIMA B300 COMPACT SEALING
- 35921 GIMA B450 COMPACT SEALING
- 35907 TEFLON B300 - spare
- 35908 GROUP RESISTOR B300 - spare
- 35923 TEFLON B450 - spare
- 35924 GROUP RESISTOR B450 - spare

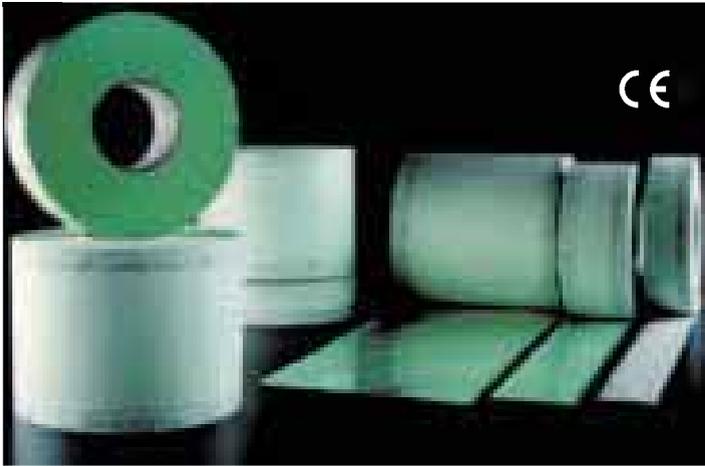


TECHNICAL SPECIFICATIONS

	GIMA B300	GIMA B450
Sealing length:	300 mm	450 mm
Sealing width:	12 mm	
Sealing time:	3 to 5 seconds	
Power resistance:	100 W	150 W
Weight:	3,5 kg	4,5 kg
Size:	43x12.5x14 cm	59x12.5x14 cm
Operating voltage:	230 V - 50/60 Hz (115 V on request)	
All components, IMQ, UL, DVE approved		
Conform to "Low Tension" CEE 73/23 Made in Italy		



ROLLS FOR AUTOCLAVE AND HOT AIR STERILIZATION



FLAT ROLLS for hot air sterilization (160-180°C)

Flat rolls manufactured in transparent, high quality plastic to withstand the high temperatures used in hot air sterilization.

Material can be exposed to temperatures between 160-180°C, with exposure time 30 to 120 minutes. Over 180°C rolls become dark and burn. **Each roll is 200 m long.**

FLAT ROLLS for sterilization by autoclave or ethylene oxide gas

Flat rolls consist of transparent, polyester-polypropylene film coupled to medical grade paper which permit steam and gas penetration during sterilization. Steam and gas indicators provide clear colour changes when exposed to sterilization process. **Each roll is 200 m long.**

GIMA code	ROLLS FOR HOT AIR STERILIZATION		Minimum order
35801	Flat rolls 200 m x 100 mm	HR 41	3 rolls
35802	Flat rolls 200 m x 150 mm	HR 42	2 rolls
35803	Flat rolls 200 m x 200 mm	HR 43	1 roll

GIMA code	ROLLS FOR AUTOCLAVE AND ETO - FLAT		Minimum order
35810	Flat rolls 200 m x 50 mm		8 rolls
35811	Flat rolls 200 m x 75 mm		8 rolls
35812	Flat rolls 200 m x 100 mm		4 rolls
35813	Flat rolls 200 m x 150 mm		4 rolls
35814	Flat rolls 200 m x 200 mm		2 rolls
35817	Flat rolls 200 m x 250 mm		2 rolls
35815	Flat rolls 200 m x 300 mm		2 rolls
35816	Flat rolls 200 m x 400 mm		1 roll

GIMA code	GUSSET ROLLS FOR AUTOCLAVE AND ETO		Minimum order
35871	Gusset rolls 100 m x 100 mm x 25 mm		4 rolls
35872	Gusset rolls 100 m x 150 mm x 25 mm		4 rolls
35873	Gusset rolls 100 m x 200 mm x 30 mm		2 rolls
35874	Gusset rolls 100 m x 250 mm x 32,5 mm		2 rolls
35875	Gusset rolls 100 m x 300 mm x 40 mm		1 rolls
35876	Gusset rolls 100 m x 400 mm x 40 mm		1 rolls

GUSSET ROLLS for sterilization by autoclave or ETO

Made with coated film PET 12/PP 40 green and 60 g medical white paper. For sterilization of voluminous objects. **Each roll is 100 m long.**

FLAT AND SELF-SEAL POUCHES FOR AUTOCLAVE



SELF-SEAL POUCHES

for sterilization by autoclave or ethylene oxide gas

Self-seal pouches consist of light green, polyester-polypropylene transparent film coupled to medical grade paper which permit steam and gas penetration during sterilization.

Steam and gas indicators change colour when exposed to sterilization.

1. Reinforced corners to prevent dust from collecting near to the opening, reducing the risk of contamination during opening.
2. The laminated transparent film complies with the German standard EN 10/204. The medical paper conforms to the following standards: DIN 58953 (German), Pharmacopea 589 (French), pr EN 868-3 (European) and BS 6256 (English).
3. The chevrons allow rapid and correct opening.

4. These consist of one layer of laminated transparent film (special type polyester and copolymer polypropylene) and white damp-resistant medical Kraft paper, specially designed to assure a high anti-bacterial protection.
5. The heat-sealed lines (Multiline) are highly resistant and spaced equally; the external welding runs along the entire length of the pouch.

Reels and pouches are certified and are manufactured according to international standards DIN 58953 BS 6871, EN 868-5, CN 13485

OTHER SIZES AVAILABLE
minimum 10,000 pouches

GIMA code	FLAT POUCHES FOR AUTOCLAVE AND ETO		Minimum order
35880	Flat pouches 100 x 300 mm		1,000
35881	Flat pouches 150 x 200 mm		1,000
35882	Flat pouches 150 x 250 mm		1,000
35883	Flat pouches 150 x 300 mm		1,000
35884	Flat pouches 150 x 400 mm		1,000
35885	Flat pouches 200 x 300 mm		1,000
35886	Flat pouches 200 x 350 mm		500
35887	Flat pouches 200 x 400 mm		500
35888	Flat pouches 250 x 400 mm		500
35889	Flat pouches 250 x 500 mm		500
35890	Flat pouches 300 x 400 mm		500
35891	Flat pouches 400 x 600 mm		500
35895	Special size pouches		10,000

GIMA code	SELF-SEAL POUCHES FOR AUTOCLAVE AND ETO		Minimum order
35860	Self-seal pouches 90 x 165 mm		1,800
35861	Self-seal pouches 90 x 230 mm		1,800
35862	Self-seal pouches 140 x 250 mm		1,200
35863	Self-seal pouches 190 x 330 mm		1,200
35864	Self-seal pouches 190 x 400 mm		1,200
35866	Self-seal pouches 300 x 450 mm		400

PULSE OXIMETER **EtCO₂ + SpO₂** **VET MONITORS**

• **34343 OXY-100 VET PULSE OXIMETER**
 Veterinary pulse oximeter supplied with tongue SpO₂ probe with 2 rubber adaptors for small or large tongues



34343

• **34346 VET SpO₂ PROBE KIT** including 2 Y type sensors (small and big animals) and set of 3 rubber probe adapters (small tongue, large tongue, wrapper for ear, leg or tail).



• **33703 VET OXY CAPNOGRAPH**
 For veterinary applications.
 For complete informations see page 162.



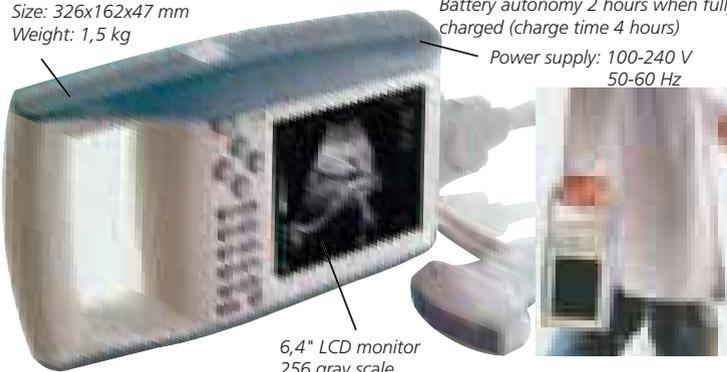
• **33719 BM3 VET MONITOR**
 • **33723 BM3 PLUS VET MONITOR**
 • **33781 BM5 VET MONITOR**
 For complete information and technical specifications see page 158-159.

BATTERY ULTRASOUND UNIT FOR VETERINARY USE

Size: 326x162x47 mm
 Weight: 1,5 kg

Battery autonomy 2 hours when fully charged (charge time 4 hours)

Power supply: 100-240 V
 50-60 Hz



6,4" LCD monitor
 256 gray scale

• **33070 KX 5100 PORTABLE ULTRASOUND UNIT - without probes**
 Full digital B mode ultrasonic diagnostic instrument. Applicable to abdominal, seminal and small organs examination for Bovine, Equine, Ovine, Canine and Feline. The smart and compact design, internal rechargeable battery and USB port allow this device to be a fully portable unit.

GIMA code	PROBES			Applications		
	Outlook	Scanning Method	Frequency (MHz)		Pregnancy	Abdominal Cardiology
33071		Convex	3.5	Ovine	•	•
				Canine	•	•
33072		Convex	5	Equine	•	•
				Bovine	•	•
33073		Linear	7.5	Ovine	•	•
				Feline	•	•
33074		Transvaginal	6.5	Canine	•	•
				Ovine	•	•

• **33967 SONY PRINTER UP-897 MD**
 • **33075 LOUPES**

These loupes are specifically developed for vets who may use this device in illuminated places.

• **33077 VETERINARY SOFTWARE**

Images acquisition and storage, data and visit management, customized reports printing, MS Win XP, ME, 2000 full compatibility videograbee directly connected to the instrument's video source for image acquisition.

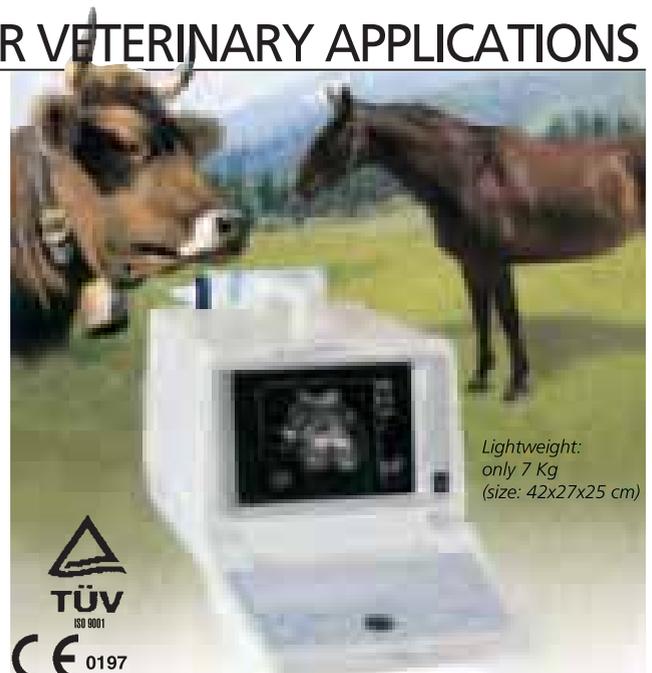


PORTABLE ULTRASOUND UNIT FOR VETERINARY APPLICATIONS

• **33936 VETERINARY ECOGRAPH 10" SVGA monitor with two probe connectors, cine memory card, without probes.**
 - Image reversing: left/right, up/down, positive/negative
 - Zooming: x 1.0, x1.2, x1.5, x2.0 with scroll-up depth control
 - Measurements: distance, circumference, area, volume (bladder volume, thyroid volume), 15 body marks.
 - Reproduction software: Bovine: BPD, CRL, Trunk diameter, Equine: GA, Canine: GS, CRL, HD, BD, Feline: HD, BD
 Ovine: BPD, CRL, Trunk, Diameter
 - Power supplies: 230V/50 Hz (110V/60 Hz on request)

• **33967 SONY PRINTER UP-897 MD**

GIMA code	PROBES		Frequency (MHz)		Applications		
	Outlook	Scanning Method	Main freq.	4-Step Multi-frequency		Pregnancy	Abdominal Cardiology
33932		Convex	3.5	2.5/3.5/4.0/5.0	Ovine	•	•
					Canine	•	•
33938		Linear Rectal	5	3.5/5.0/6.0/7.0	Equine	•	•
					Bovine	•	•
33939		Micro-convex	5	3.5/5.0/6.0/7.0	Ovine	•	•
					Feline	•	•
					Canine	•	•



Lightweight: only 7 Kg
 (size: 42x27x25 cm)





VETERINARY ECG - 1 AND 3 CHANNEL



Support USB ink-jet printer for 7 leads printing. 120 patient data storage and transfer by USB flash disk, Ethernet or series port
Power: 110-115V / 220-240V, 50/60 Hz

- 33305 VE-100 - 1 channel ECG
- 33306 VE-300 - 3 channel ECG - interpretation
- 33336 ECG-Viewer software (English and Italian)
- Complete digital design
- LCD display waveforms, parameters configurable
- 7 leads simultaneous acquisition (only 33306)
- built in rechargeable Li-ION battery for 3 hours use (AC/DC supply)
- automatic ECG parameter measurement and analysis (33306 only)
- complete digital filter, avoid baseline drift, AC, EMG interfere.
- Baseline automatically adjustable, optimize printing position.
- 33801 Thermal PAPER roll 50mm x 25m for 33305
- 33802 Thermal PAPER roll 80mm x 25m for 33306

33306

VET OTOSCOPES, OPHTHALMO AND DIAGNOSTIC SETS



31442

Open otoscope head is supplied with codes 31422, 31424, 31425



31424



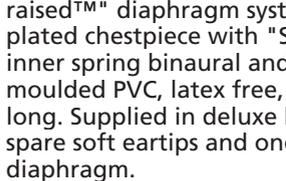
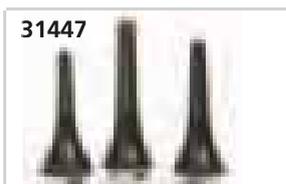
31422



31425

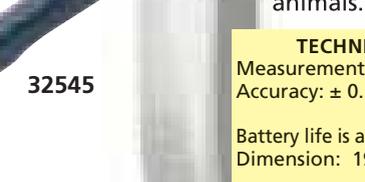
• 31442 PARKER VETERINARY OTOSCOPE

- Includes:
- Kit of 3 reusable plastic cannulas (31447)



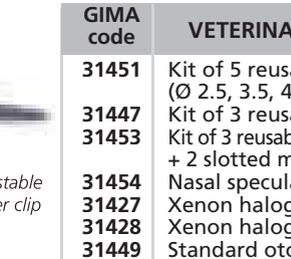
• 31424 XENON HALOGEN DIAGNOSTIC SET - plastic cannulas

- Includes:
- Xenon halogen open otoscope head+handle
- Xenon-halogen ophthalmoscope head
- Kit of 5 reusable plastic cannulas (31451)
- Metal tongue depressor holder illuminator
- Nasal specula



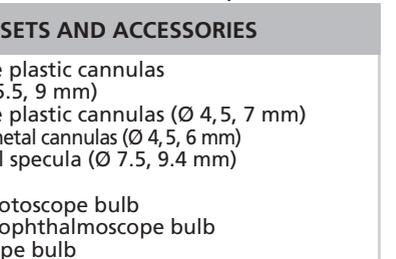
• 31422 XENON HALOGEN OTOSCOPE SET

- Includes:
- Xenon-halogen open otoscope head+handle
- Kit of 5 reusable plastic cannulas (31451)
- Kit of 3 reusable plastic cannulas (31447)



• 31425 XENON HALOGEN DIAGNOSTIC SET metal cannulas

- Includes:
- Xenon-halogen open otoscope head+handle
- Xenon-halogen ophthalmoscope head
- Kit of 3 reusable metal cannulas + 2 metal specula (31453)



GIMA code	VETERINARY SETS AND ACCESSORIES
31451	Kit of 5 reusable plastic cannulas (Ø 2.5, 3.5, 4.5, 5.5, 9 mm)
31447	Kit of 3 reusable plastic cannulas (Ø 4, 5, 7 mm)
31453	Kit of 3 reusable metal cannulas (Ø 4, 5, 6 mm) + 2 slotted metal specula (Ø 7.5, 9.4 mm)
31454	Nasal specula
31427	Xenon halogen otoscope bulb
31428	Xenon halogen ophthalmoscope bulb
31449	Standard otoscope bulb

VET STETHOSCOPE

- 32545 REGALITE VET - black
- Top quality single head stethoscope. Patented multi-frequency "ring-raised™" diaphragm system. Chromed plated chestpiece with "SUPERFLEX" inner spring binaural and 1 piece moulded PVC, latex free, tubing 90 cm long. Supplied in deluxe box, with spare soft eartips and one spare diaphragm.

90 CM LONG Y TUBE

32545

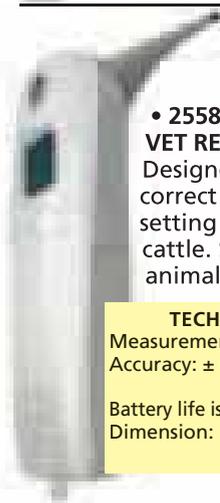


THERMOMETER

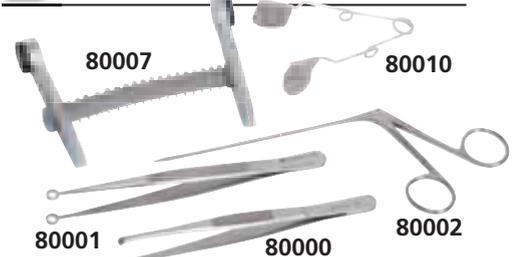
FAST ONLY 8 SECONDS

- 25588 VET RECTAL THERMOMETER
- Designed to be ergonomically correct for animals. Selectable setting for pets, pigs and cattle. Suitable also for other animals.

TECHNICAL SPECIFICATIONS
Measurement range: 32 ~ 43°C
Accuracy: ± 0.1°C (35 ~ 39°C); ± 0.2°C (<35°C ~ >39°C)
Battery life is approximately 5000 readouts
Dimension: 190x110x35 mm



INSTRUMENTS



- 80000 Durante forceps - 15 cm
- 80001 Terza palpebra forceps - 11 cm
- 80002 Long Hartmann micro - 14.5
- 80005 Mouth opener - 7 cm
- 80006 Mouth opener - 11 cm
- 80007 Mouth opener - 15 cm
- 80010 Roditor mouth opener - 6 cm
- 80011 Roditor mouth opener - 8.5 cm

VETERINARY SCALES FOR LARGE AND SMALL ANIMALS

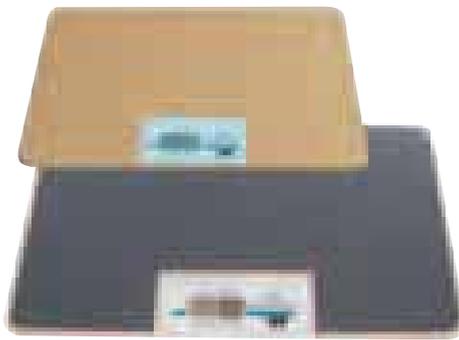
UP TO 300 KG



• **27257 ELECTRONIC VET SCALE**
High reliable and professional scale. Robust metal platform with a separate digital display.

TECHNICAL SPECIFICATIONS

Capacity/Sensitivity: 300 Kg/ 100 g
Dimensions: 950 x 500 x 45 mm
Rechargeable battery pack 15V, 300 mA
Full recharging time: 14 hours
Operating time from full recharge: 8 hours
Power supply: 230V/50Hz



• **27258 DIGITAL VET SCALE - medium**
• **27259 DIGITAL VET SCALE - large**
Precise electronic multifunctional scale, available in two sizes. Quality product with very competitive price. Made in Europe.



• **27261 DIGITAL SMALL PET SCALE**

TECHNICAL SPECIFICATIONS

Capacity/Sensitivity: 20 kg/ 10 g (27261)
100 Kg/ 100g (27258-27259)
Dimensions: 355x635 mm (27258)
620x830 mm (27259)
Lithium battery: (included)
4 sensor high precision strain-gauge system
Automatic switch-off
LCD display 25 mm
Lb/Kg/st switchable by user

DIAGNOSTIC AND OPERATIVE VETERINARY TABLES



• **80300 VETERINARY EXAMINATION TABLE**
Veterinary operating table with enamelled tubular steel frame, with AISI 304 15/10 stainless steel top with hole and a liquid tray holder underneath. Lateral hook to immobilize animals. Made in Italy.
Size: 120x60xh 85. Weight: 24 Kg.



• **80301 VETERINARY OPERATION TABLE**
Veterinary operating table with electric lift (82/102 cm), baked enamelled steel tubular frame and AISI 304 stainless steel top (120x56 cm) with hole and a liquid bucket holder underneath. Manual trendelenburg 15° and antitrendelenburg up to 15°. Lateral hook to immobilize animals. Made in Italy.
Size: 118x56xh 85/102. Weight: 50 Kg.

FASTENING CAGE



• **80310 TRAVELLING CAGE**
Fastening cage for small animals with reclining front door and sliding back door. Enamelled steel structure with tray made of AISI 304 stainless steel. Made in Italy.
Size: 30x40xh 37 cm.
Weight: 3 kg

URINE STRIPS

ASCORBIC ACID PROTECTED

Performs highest quality standard. Made in Germany



• **24100 VETERINARY URINE STRIPS - 11 parameters - bottle of 100 strips**
For examination of glucose, ascorbic acid, ketones, protein, ph-value, blood, nitrite, leukocytes, specific gravity, bilirubin, urobilinogen. Each box includes a special manual for interpretation of results in each of the following animal: horses, pigs, cattles, sheeps, goats, dogs, cats, bunnies and guinea pigs. Made in Germany by Analitika

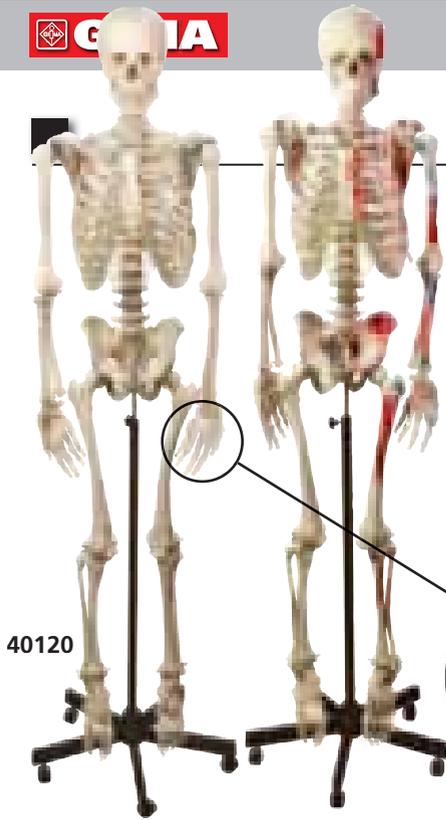
VET GLUCOSE STRIP



• **24105 GLUCOSE STRIPS**
minimum order: box of 50 strips (10 bags of 5 strips)

Single parameter urine strips specifically developed for veterinary use.

SKELETONS AND SKULLS



40125

40115

• **40115 MINI SKELETON**

Height: 80 cm Weight: 1.5 kg. This 1/2 life size model shows the anatomy of the human skeleton in high detail. The skull can be disassembled into 3 parts: skullcap, base of skull and mandible. All the main joints are articulated. Arm and legs can be removed easily. Mounted on a stand for hanging.

• **40120 HUMAN SKELETON**

Height: 170 cm Weight: approx 10 kg. This model is a replica of a life size human skeleton and shows all the skeleton part in high details. It's hand-assembled to provide intricate details and long-lasting durability. The main joints are articulated; the upper and lower limbs can be removed easily. The following parts are detachable: Calvarium, Skull, Jaw, Arms, Legs. Supplied with 5-caster roller stan.

• **40125 MUSCULAR HUMAN SKELETON**

Same as code 40120 but with the left side of the skeleton that shows the point of origin (red) and the point of insertion (blue) of the muscles.

• **40160 HUMAN SKULL**

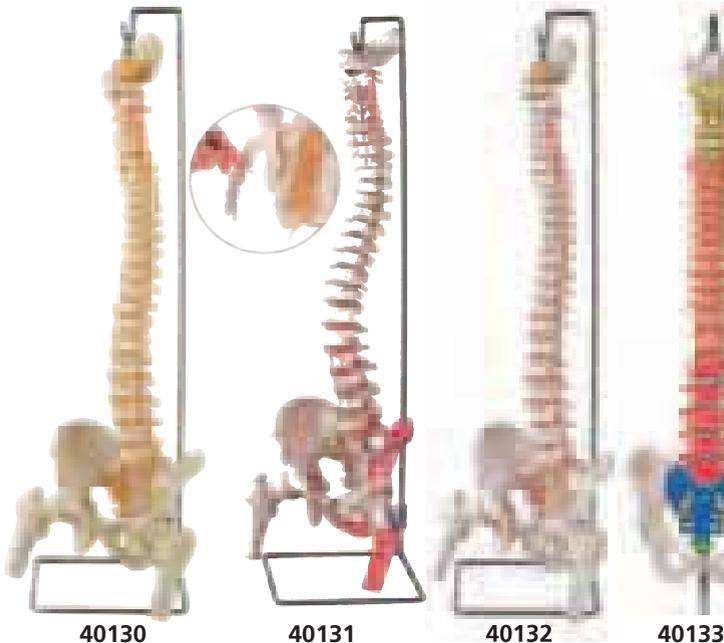
• **40161 HUMAN SKULL - numerated**

Size: 22x14x16 cm - weight: 950 g - 3 parts. A detailed reproduction of a life size human skull with all structural details. The skullcap is removable to show internal details. The mandible is articulated and removable. All of the joints, sutures, fissure, foramina and processes are portrayed with utmost accuracy. Significant structures are numerated (only for 40161).



40120

VERTEBRAL COLUMNS



FLEXIBLE VERTEBRAL COLUMNS

Fully flexible life size vertebral columns consisting of the occipital plate, cervical, thoracic and lumbar vertebrae, sacrum, coccyx, complete pelvis with symphysis, removable femur heads (only 40130,31,32).

All models also features representation of the vertebral arteries, spinal nerve branches, and a prolapsed L3-L4 intervertebral disc.

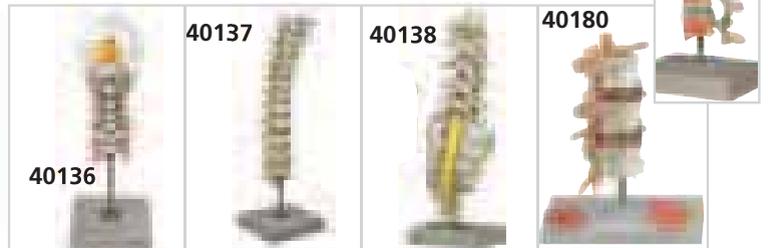
On 40131 the left side of the skeleton shows the points of origin (red) and the point of insertion (blue) of the muscles.

On 40131 and 40132 the sacral crest and coccyx are removable to show the sacral section of the spinal card and associated nerve branches.

On 40133 the various regions of the spinal column are colour coded for easy identification.

GIMA code	FLEXIBLE VERTEBRAL COLUMNS	Size cm	Weight	Magnif.
40130	VERTEBRAL COLUMN with femur heads	95x20x20	3 kg	1X
40131	VERTEBRAL COL with femur + muscle	95x20x20	3 kg	1X
40132	VERTEBRAL COL with femur + open sacrum	95x20x20	3 kg	1X
40133	SPINAL COL with colour coded regions	98x23x23	970 g	1X

SKELETAL SYSTEM



Cervical spinal column consists of 7 cervical vertebrae with intervertebral discs, occipital plate, cervical nerves, vertebral arteries, spinal cord and brain stem.

Thoracic spinal column consists of 12 thoracic vertebrae with intervertebral discs, thoracic nerves and spinal cord.

Lumbar spinal column with sacral and coccyx bones. It consist of 5 lumbar vertebrae with intervertebral discs, lumbar nerves and spinal cord. The sacral crest and coccyx are removable

3 lumbar vertebral with hernia and prolapsed intervertebral disc. Shows 3 lumbar vertebrae with spinal nerves, dura mater and 2 intervertebral discs affected by lateral and media hernia.

GIMA code	SKELETAL SYSTEM	Size cm	Weight	Magnif.
40136	CERVICAL SPINAL COLUMN	12x12x32	350 g	1X
40137	THORACIC SPINAL COLUMN	12x12x40	600 g	1X
40138	LUMBAR SPINAL COLUMN	12x12x36	800 g	1X
40180	HERNIA PATHOLOGY	16.5x12x26	300 g	1X
40185	ADVANCED OSTEOPOROSIS	12x12x15	200 g	1X

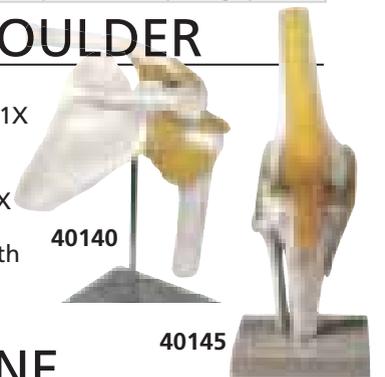
KNEE AND SHOULDER

• **40140 SHOULDER JOINT**

Size: 29x12x12cm - 560g - 1 part - 1X Mounted on stand.

• **40145 KNEE JOINT**

Size: 12x12x31cm - 440g - 1 part - 1X The life size model represents a functional model of knee joint with lateral ligaments, meniscus and patellar ligament.



ORAL HYGIENE

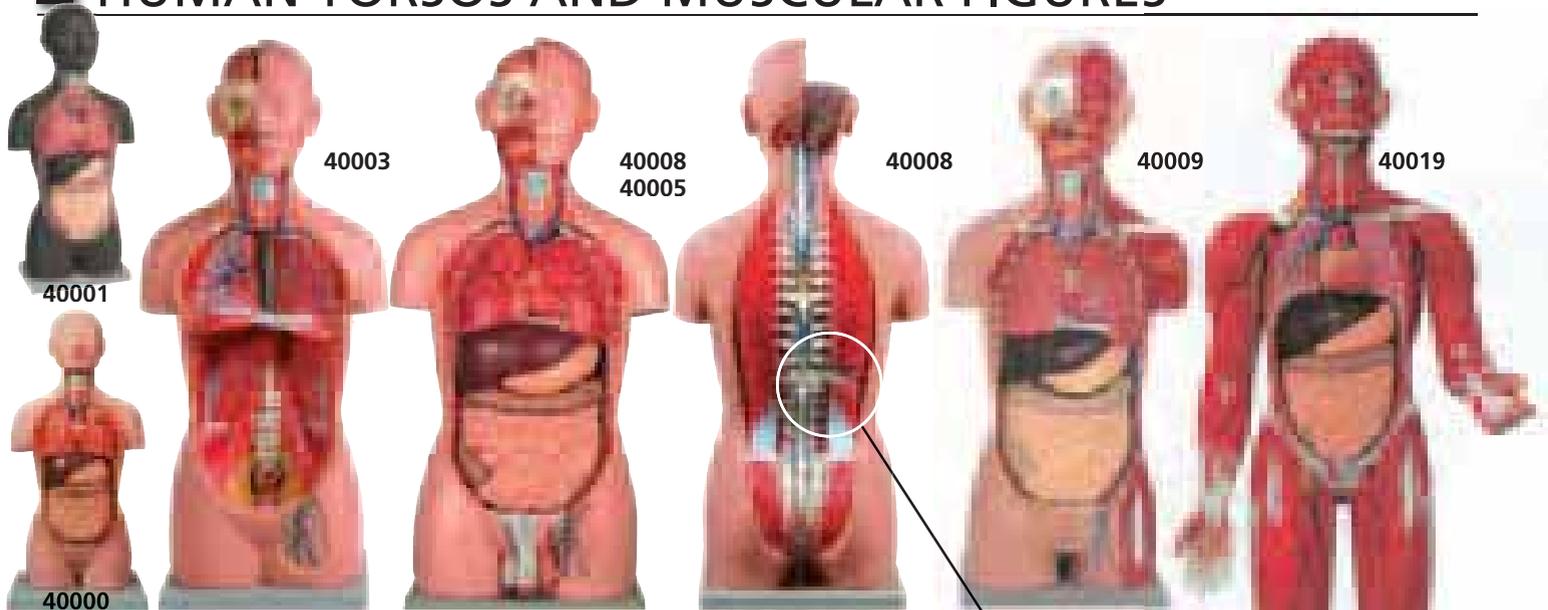


• **40200 ORAL HYGIENE**

Size: 12x16x22 cm - weight: 1 kg Mounted on base.

A 3X life size model that is useful for teaching the correct way to brush teeth. A giant toothbrush is included.

HUMAN TORSOS AND MUSCULAR FIGURES



GIMA code	HUMAN TORSOS *SUPPLIED WITH CD ROM GUIDE	Size	Weight	Parts
40000	MINI TORSO	20x15xh45 cm	2.1 kg	16
40001	MINI TORSO - african	20x15xh45 cm	2.1 kg	16
40003	TORSO UNI SEX *	23x33xh90 cm	9 kg	16
40005	TORSO DUAL SEX*	23x33xh90 cm	9.3 kg	25
40008	TORSO DUAL SEX OPENBACK*	23x33xh90 cm	9.3 kg	27
40009	MUSCULAR TORSO DUAL SEX OPENBACK*	23x33xh90 cm	10 kg	28
40019	MUSCULAR FIGURE	30x33xh87 cm	5.3 kg	30

Some of the detachable parts of human torsos:

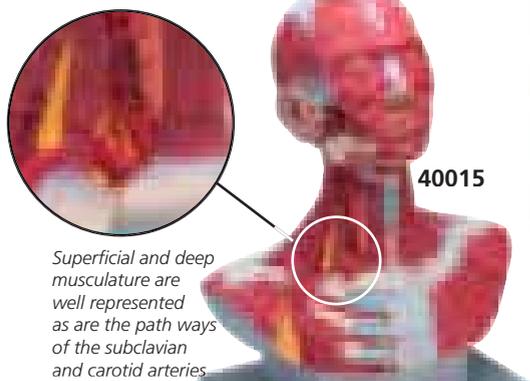
Removable structures, of codes 40005-8-9, include the following:
 - eye with optic nerve and extraocular muscles
 - half of the brain - trachea
 - descending thoracic aorta and esophagus - right and left lungs (two parts each)- liver with gallbladder - half of one kidney - two part heart - stomach dissected in two parts (not for 40005) - pancreas, duodenum and spleen - small and large intestines - male and female urogenital systems (4 parts each), (on 40009 femal system is provided of fetus detachable in 3 parts) - thoracic vertebra (T12) with spinal cord (code 40008 and 40009 only).

Detachable parts of human muscular figure 40019:



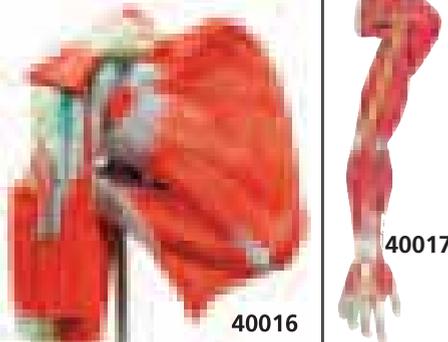
HEAD MUSCULATURE

• 40015 HEAD/NECK MUSCULATURE
 Size: 37x23x46 cm
 - 3.1 kg - 1 part - life size



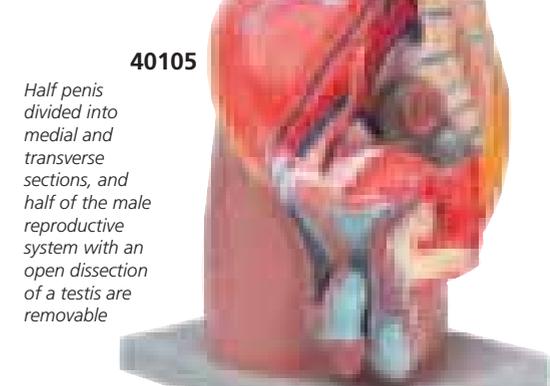
Superficial and deep musculature are well represented as are the path ways of the subclavian and carotid arteries.

MUSCLES



• 40016 SHOULDER MUSCLE
 Size: 23x19x11 cm - 435 g - 1 part - 1X
 • 40017 ARM MUSCLE
 Size: 74x20x12 cm - 1.9 kg - 7 parts
 • 40018 LEG MUSCLE
 Size: 110x19x14.5 cm - 5.1 kg - 13 parts
 Mounted on base with stand

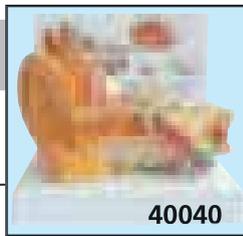
PELVIS



40105
 Half penis divided into medial and transverse sections, and half of the male reproductive system with an open dissection of a testis are removable

GIMA code	PELVIS size	Sex	Kg	Parts	Mag
40100	25x16x27	fem	1.3	3	1X
40105	25x18x27	male	1.5	4	1X

EAR



40040

These models (40041-40042) show the external, middle and inner ear. The eardrum with malleus, incus and stapes are removable. Also cochlea and labyrinth with vestibular and cochlear nerves (40042 only) that define the middle and inner ear are removable.

EYE

40031
40033



40030

Models show the eye ball with optic nerves and muscles in its natural position in the bony orbit

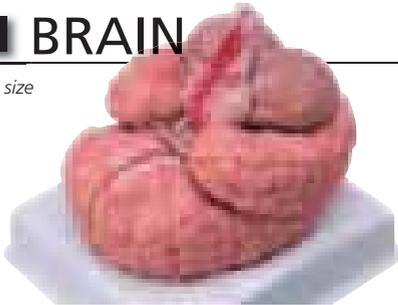
40041-40042

GIMA code	EAR SIZES	Kg	Parts	Mag
40040	16x11x10 cm	0.2	3	1X
40041	33x23x21 cm	1	3	3X
40042	33x23x21 cm	2	5	3X

GIMA code	EYE WITH ORBIT SIZES	Kg	Parts	Mag
40030	16x17x26 cm	1.1	6	6X
40031	42x30x31 cm	3.2	4	5X
40033	42x30x31 cm	3.4	11	5X

BRAIN

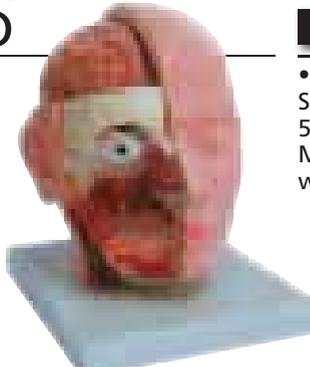
Life size



Can be divided into 9 parts showing the temporal and occipital lobes, the frontal and parietal lobes, the cerebellum, the brain stem and basilar artery

• 40020 BRAIN WITH ARTERIES
Size: 16x18x16 cm - 1 kg - 9 parts - 1X

HEAD



• 40010 HEAD DISSECTION - life size
Size: 18x25x23 cm - 140 g - 4 parts - 1x

LARYNX

• 40058 LARYNX
Size: 18x11x8 cm - 450 g
5 parts - 2X
Mounted on base with stand.

Sectioned longitudinally to reveal intimate details of internal structure including hyoid muscles, vessels, bone, cartilages nerves and thyroid gland

40058

SKIN



Anatomical structures are shown in details including the hair follicles, sebaceous, glands, sweat glands, erector muscles, Pacinian corpuscles, nerves and blood vessels

• 40060 SKIN MODEL - 70X
Size: 25x18x28 cm - 1.5 kg - 2 parts - 70X

HEART



40072

Show internal structures including cardiac valves and the comparative morphology of the right and left ventricles

40071

GIMA code	HEART SIZES	Kg	Parts	Mag
40071	11x7.5x9.5 cm	0.23	2	1X
40072	24x25x28 cm	2.9	4	3X

RESPIRATORY SYSTEM

• 40050 RESPIRATORY SYSTEM
Size: 26x40x12 cm
- 1.3 kg
- 7 parts life size



DIGESTIVE AND URINARY SYSTEMS



40080

This model, 15x life size, shows the liver and gallbladder in open section with the complex network of vessels and bile ducts, displayed in different colours to clarity and ease of examination.

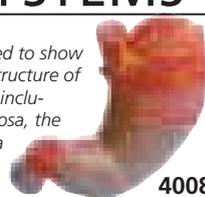
Accurate representation of the pancreas, spleen and duodenum. The pancreas is open to show the entire pancreatic duct.



40086

The duodenum is partially dissected to expose its internal structure.

Can be opened to show the internal structure of the stomach, including the mucosa, the pylorus, and a section of the gastric wall. Superficial dissection exposes the longitudinal, circular and oblique muscle layers, with nerves and vascular structures

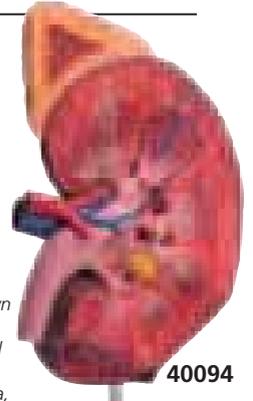


40088



40090

Shows the male urinary bladder with the prostate gland surrounding the urethra



40094

GIMA code	DIGESTIVE AND URINARY SYSTEMS all supplied with table stand	Size	Weight	Parts	Magnif.
40080	LIVER SECTION WITH GALLBLADDER	28x27x14 cm	880 g	1	1.5X
40086	PANCREAS, DUODENUM AND SPLEEN	16x15x23 cm	350 g	1	1X
40088	STOMACH	16x14.5x5 cm	235 g	2	1.5X
40090	MALE URINARY BLADDER WITH PROSTATE	27x20x15 cm	1.2 kg	2	3X
40094	KIDNEY WITH ADRENAL GLAND+RENAL CORPUSCLE	40x15x8 cm	1.2 kg	1	3X

The kidney is shown with the renal capsule. Additional structures include: the cortex, medulla, pyramids with papillae, partially dissected renal pelvis, renal calices, ureter, blood vessels, suprarenal gland with cortex and medulla.