

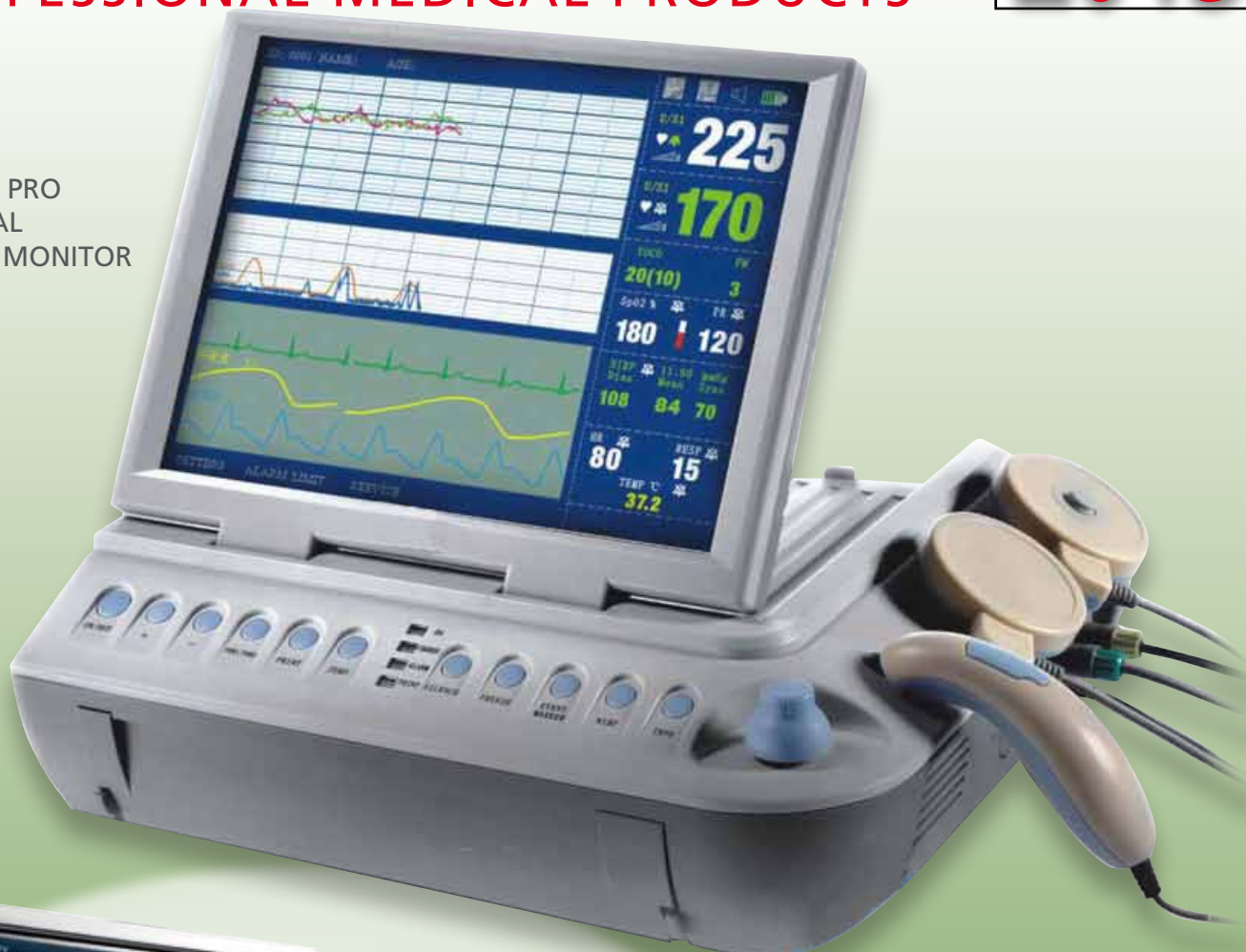


GIMA

NEWS 2013

NEW PRODUCTS PREVIEW PROFESSIONAL MEDICAL PRODUCTS

PC-8000 PRO
HOSPITAL
FOETAL MONITOR



MINDRAY DP50
DIGITAL ULTRASOUND
SYSTEM



OXY-10
FINGER OXYMETER
WIRELESS

GIMA S.p.A. - Via Marconi, 1 - 20060 Gessate (MI) - Italy
Tel. ++39 02 953854209/221/225 - Fax: ++39 02 95380056
E-Mail: export@gimaitaly.com www.gimaitaly.com

GIMA URINE STRIPS

- 24069 10 PARAMETER STRIP - tube of 100 strips
- 24071 11 PARAMETER STRIP - box containing 5 pouches of 3 strips
- 24072 11 PARAMETER STRIP - tube of 50 strips

These strip are compatible with Bayer CLINITEK-100 reader

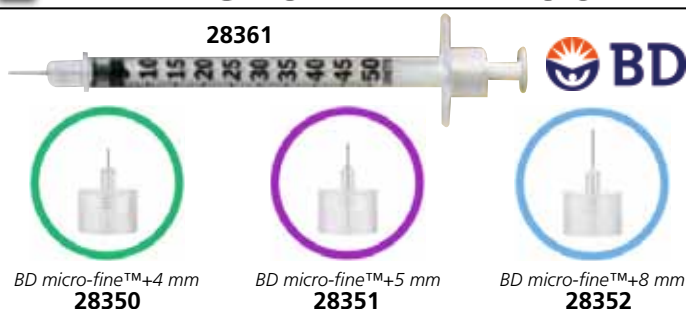
- global check/screening for general health condition
- measures level of Leukocytes, Nitrite, Urobilinogen, Protein, pH, Blood, Specific Gravity, Ketone, Bilirubin, Glucose, Ascorbic Acid (24071 and 24072 only) in 1 strip
- check for healthy nutrition, urinary tract infection, tumors, kidney damage, gout, fever, cirrhosis, viral hepatitis, liver disease, congestive heart failure, jaundice, diabetes and acute renal failure.

For professional use only.



FOR PROFESSIONAL USE

BD MICRO-FINE™ INSULINE NEEDLES AND SYRINGES



GIMA code	BD code	BD MICRO-FINE™ NEEDLES	Minimum order
28350		BD Micro-Fine needles 4 mm - 32G	box of 100
28351	320594	BD Micro-Fine needles 5 mm - 31G	box of 100
28352	320592	BD Micro-Fine needles 8 mm - 31G	box of 100
Compatible with most of insuline pens available in the market (Sanofi-Aventis, Eli Lilly, Novo Nordisk, Oven Mumford)			
BD MICRO-FINE™ SYRINGES			
28360	324826	BD Micro-Fine syringes 0.3 ml - 8 mm - 30G	box of 100
28361	324825	BD Micro-Fine syringes 0.5 ml - 8 mm - 30G	box of 100

GIMA SHARPS CONTAINERS



Double opening system Temporary closure Definitive closure



- Pocket size
- Ergonomic shape
- Easy to use with just one hand
- Double opening system: needles and insulin pen removal, entire syringe disposal
- Maximum filling level indicator
- No emission of any harmful gas during the incineration process
- Temporary and permanent closure
- Possible side fastening

Wide opening Indents for needles removal Temporary closure: 1 click Definitive closure: 2 clicks



- Simple and practical snap-type closure
- Easy manoeuvre for temporary opening with just one hand
- Wide opening for the disposal of voluminous material
- Mechanism for the unhooking of insulin needles
- Maximum filling level indicator
- No emission of any harmful gas during the incineration process

Indents for needles removal with safety fins Temporary closure Definitive closure



- Ergonomic handle for the more spacious models
- Anti-defluxion wings that prevent the outflow of the waste
- Mechanism for unhooking insulin needles
- Maximum filling level indicator
- No emission of any harmful gas during the incineration process

GIMA code	POCKET SHARPS CONTAINER	Minimum order	GIMA code	PBS SHARPS CONTAINERS	Minimum order
25780	Pocket 0.4 l - 12.3x6.2x16.5h cm	box of 70	25790	PBS 0.6 l - Ø 10x14.5h cm	box of 100
	CS LINE SHARPS CONTAINERS		25791	PBS 1.5 l - Ø 14x16.5h cm	box of 100
25783	CS 3 l - 16.7x16.7x22.5h cm	box of 50	25792	PBS 2 l - Ø 14x21h cm	box of 75
25784	CS 4 l - 16.7x16.7x28.5h cm	box of 40	25793	PBS 5 l - Ø 21.3x19.5h cm	box of 55
			25794	PBS 7 l - Ø 24.8x19.5h cm	box of 40
			25795	PBS 12 l - Ø 28.8x31h cm	box of 25

CERTIFICATIONS



FDA K071517

LACTATE SCOUT+

• 23990 LACTATE SCOUT+

Pocket device for fast, accurate and reliable lactate measurement.

Easy to use:

- only 0.5 µl of capillary blood required
- pre-calibrated sensors
- device calibrated by simple coding
- lactate measurement, date/time, mode, temperature and memory ID on a single display

Fast and accurate:

- enzymatic amperometric detection method
- results within 10 seconds
- measuring range: 0.5 - 25 mmol/L ($\pm 3\%$)

Performance measurement:

- single and step-test measurements (resting/exercise/recreation)
- stopwatch and countdown timer functions

Integrated bluetooth technology and PC software:

An USB key allows easy transfer to PC where a 4 language (GB, DE, IT, ES) software allows easy data management. Supplied with nylon bag, lancet device, 10 lancets, 6 strips, control solution, 2x1.5 AA batteries, USB key, English manual, CD manual (GB, FR, IT, DE, ES, DK, FI, NO, RU, SE, TR, CN).

• 23991 STRIPS - tube of 24 pcs

• 23916 LANCETS - 28G - sterile - box of 100

Stores up + 250 results

Measuring range:
0.5 - 2.5 mmol/L $\pm 3\%$



CE 0123

Pocket size:
91x55x24 mm
Weight: 80 g

23990

Integrated
bluetooth
connectivity

Easy handling in 3 steps



Remove sensor and place into analyzer



Prick finger and collect blood by touching sensor



Results appear in 10 seconds

HEMO CONTROL: HEMOGLOBIN AND HEMATOCRIT MEASURER

• 23994 HEMO CONTROL

Fast, simple and accurate determination of hemoglobin and hematocrit in whole blood:

- two tests in one
 - fast results in 25 to 60 sec
 - limited sample volume 8 µl
 - graphical touch screen
 - no calibration required
 - memory: 100 results including date and time
 - Hb con-low, Hb con-norm, Hb con-high
 - integrated rechargeable battery (100 hours)
 - multilanguage software (GB, FR, IT, DE, ES, PT, PL)
- Supplied with transformer (to recharge battery), English manual, CD manual (GB, FR, IT, DE, ES, PT, PL, RU)

• 23995 HEMOGLOBINE MICROCUVETTES - box of 50

Compact size only
160x160x68 mm
Weight 700 g



23994

Large illuminated LC-
touch screen for intuitive
device handling

Easy handling in 3 steps



Collect 8 µl blood sample



Put microcuvette into analyzer



Read results on display in 25-60 sec

TECHNICAL SPECIFICATIONS	
Measurement method:	photometric, azidemethemoglobin
Measuring range:	0-25.6 g/dL; 0-15.9 mmol/L
Sample volume:	8 µl
Sample material:	venous, arterial or capillary human blood
Precision:	<2%
Linearity:	0-20 g/dl ± 0.3 g/dl >20 g/dl ± 0.7 g/dl
Calibrated to NCCLS standard	
Operating power:	110-250 V - 50/60 Hz; integrated battery (approx 100 h use)

COAG-S WHOLE BLOOD INR POC INSTRUMENT

• 24011 COAG-S - INR measurement

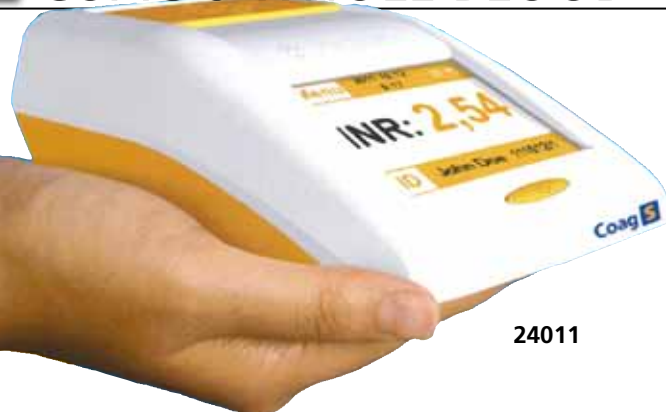
Whole blood point-of-care coagulation system dedicated for PT-INR monitoring (professional use):

- classical photo-optical principle (turbidimetry)
 - liquid phase coagulation reaction
 - high sensitive recombinant thromboplastin
 - outstanding correlation with INR results validated against classical PT
 - small, compact, portable design
 - precise sampling system
 - direct measurement from capillary blood, citrated plasma and citrated whole blood (venipuncture)
 - modern hardware (touchscreen, USB, RFID)
 - self monitoring capability with clear software guidance
- Includes one pipette 200 µL, one pipette 20 µL, one pipette holder, 110 pipette tips and 96 pipette tips with holder.

Made in Hungary

• 24012 TEST KIT - box of 25 pcs.

• 24013 ACCESSORY KIT



24011

TECHNICAL SPECIFICATIONS	
Method of detection:	photometric
Specimen volume needed:	20 µl
Time to perform PT:	< 5 min
Screen:	liquid crystal colour touchscreen
Stored data capacity:	1,000
Interface:	USB
Power supply:	100-250 V - 50/60 Hz; integrated rechargeable battery

■ KEVORKIAN - S/S



■ MINI-TISCHLER - S/S



■ TISCHLER - S/S



■ SUPER CUT SCISSORS



■ DISPOSABLE SKIN STAPLER DEVICE



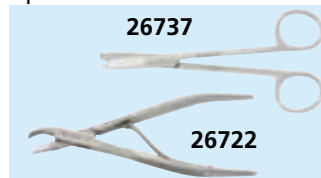
• **25890 DISPOSABLE STERILE SKIN STAPLER**
Simple and easy to operate. Staples are made of High Quality 317 L Stainless Steel for medical use, each device is provided of 35 staplers. High sewing up and stapling speed help shorten the time of sewing and avoid cross infection of contagious diseases. Reduced tissue reaction, thinner scar after operation and faster wound healing. Painless and convenient staples removal after the incision has healed up.
To be used for skin closure in operating room, labour and delivery, emergency department, outpatient surgery, clinics and physician's office.

■ SKIN STAPLE REMOVER



• **25892 DISPOSABLE REMOVER FORCEPS - box of 20 pcs.**
Practical disposable forceps for removing regular and wider size staples.
• **25895 SR-3 DISPOSABLE FORCEPS - box of 10 pcs.**
3M original forceps for removing staples.

S/S STITCH/SUTURES REMOVER:
• **26737 SPENCER SCISSOR - 13 cm**
• **26722 MICHEL STITCH REMOVER FORCEPS - 13 cm**



■ PROFESSIONAL INFRARED EAR THERMOMETER - HOSPITAL USE

- **25575 PROFESSIONAL INFRARED EAR THERMOMETER**
- **25576 PROBE COVERS - box of 200 pcs. (5 tubes of 40 pcs.)**
- **25577 PROBE COVERS LOADER**
- special design for hospital use
- durable probe for cover replacement up to 100,000 times
- probe cover ejector and probe cover detector

TECHNICAL SPECIFICATIONS

Measurement range:	34~42.2 °C (93.2-108 °F)
Operating range:	10-40 °C (50~104 °F)
Accuracy:	±0.2 °C (0.4 °F) during 35.5~42 °C (95.9~107.6 °F), ±0.3 °C (0.5 °F) for other range
Memory:	25 sets
Buzzer:	Yes
Battery:	CR2032 1
Dimension:	144.82x39.84x48.50 mm
Weight (with battery):	68.8 g

- phone jack for computer connection for data download or calibration
- one-second response time: fast and easy
- neck strap and probe protector
- fever alarm
- selectable °C/°F



■ GIMA PODOSCOPE

27354
Methacrylate



• 27354 GIMA PODOSCOPE

The GIMA Podoscope with polarized light allows operators to observe the foot plant highlighting the points with the heaviest pressure. The patient stands on the methacrylate platform, an excellent light conductor, provided with an inner light source: to detect variations of colour intensity on the foot plant, corresponding to higher or lower plant charge.

Highly resistant, easy maintenance

The GIMA Podoscope with polarized light has been designed for a long lasting duration. High-quality material and components, serial assembly and control checks constantly performed during production and at final test, provide superior accuracy. Its structure is resilient and can bear charges up to 135 kgs - 297 lbs. Its green-light lamp has a life of 10,000 hours (duration indicated by the manufacturer). Spare bulbs are easy to be replaced.

Easy to use, light and practical

The GIMA podoscope becomes operative at once simply switching it on. Just after the patient has stepped on it, in real time you can proceed with the study. The device is meant to be practical and easy to use. Since methacrylate is light and resistant at the same time, the device can be comfortably moved from a place to another, also thanks to its limited dimensions. The step is low: 22 cm from ground level, so that even elderly patients can easily step on it.

TECHNICAL SPECIFICATIONS

Capacity: 135 kg - 297 lbs
Dimensions: 43,5x42,5x22 cm - 17.12x16.75x8.67 inch
Weight: 8 kg - 17.63 lbs
Operating voltage: 220V-50/60Hz (110V on request)
Fluorescent lamp with 10,000 hours lifetime

■ SECA SCALE

• 27241 SECA 750 SCALE

Mechanical flat scale with sturdy, power coated steel casing. Pretty and stable with its white powercoated lacquer. A hard wearing synthetic white leather covers weighing platform.

seca

TECHNICAL SPECIFICATIONS

Capacity: 150 kg - 320 lbs
Sensitivity: 1 kg
Weight: 3.5 kg Size: 317x117x477 mm



■ HOME CARE EAR THERMOMETER

• 25579 POCKET EAR THERMOMETER

Small, easy to clean, cover free design ear thermometer. For home care use.

TECHNICAL SPECIFICATIONS

Measurement Range: 34 °C - 44 °C (93.2 °F - 111.2 °F)
Accuracy: ±0.2 °C (±0.4 °F)
Response time: 1-2 seconds
Battery: Lithium 3V (CR2032) - life approx 4,000 measurements
Size: 114x35x40 mm
Weight: 35 g (including batteries)



10 memories



Easy to read
3 digit LCD display
27.9x13 mm

■ FOLDABLE BABY SCALE

Folded
scale



SOEHNLE
PROFESSIONAL



27266

• 27266 SOEHNLE 8320 FOLDABLE BABY SCALE

Foldable baby scale for easy transport. Folding mechanism with magnetic lock. Easy to open: remove the base and pull the handles apart. Taring function: pads, blankets, placed under the baby are tarable. Steady weight display through filtering and hold function. Large LCD display easy to read. Switchable to kg/lb. Manual in: DE, GB, FR, ES, IT, GR, CZ, AE.

• 27271 CARRYING BAG



27271

TECHNICAL SPECIFICATIONS

Capacity: 15 kg
Dimensions: 375x315x105 mm (closed) - 740x315x53 mm (open)
Alkaline battery 2x1.5V AAA - not included
Weight: 1.9 kg
Sensitivity: 10 g
Warranty: 2 years
Made in Germany

■ SECA INFANTOMETER



The unique V-shape automatically places the baby in the right measuring position

seca



The head and foot positioners lock into place to capture results. Indication can be read after measuring

• 27316 SECA 416 - INFANTOMETER

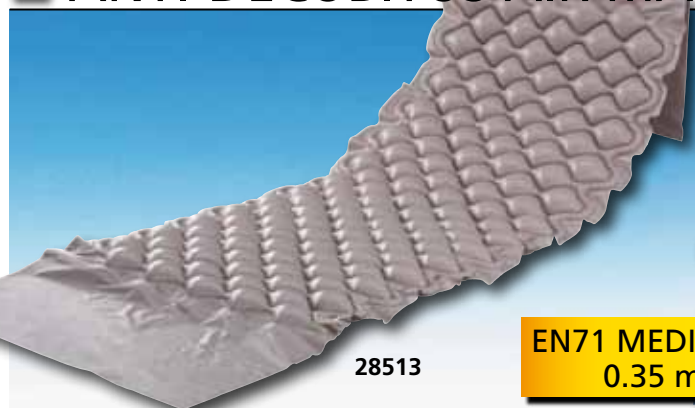
Infantometer for measuring babies and toddlers in hospital. The sturdy construction and stability of the infantometer makes it quick and easy to measure babies and toddlers up to two years old.

The board is generously designed and the raised and softly rounded sides guide the baby easily and safely into the right position.

Permanently mounted with rollers on two guide rails, the footpiece slides smoothly along the scale. Because the footpiece is lockable, the baby can be removed and the result noted later. All parts are tough and durable.

Measuring range: 33-100 cm. Graduation: 1 mm. Size: 110x16.9x40.2 cm. Weight: 3.8 kg.

ANTI-DECUBITUS AIR MATTRESSES WITH PUMP



28513

**EN71 MEDICAL GRADE
0.35 mm PVC**

28516

BUBBLE MATTRESS

Designed for the treatment and prevention of pressure sore stage I in long-term and domiciliary therapies. The PVC mattress is composed of 130 7 cm-high bubble cells, particularly comfortable. Fixable to bed by extra flaps on both top and bottom side. Cold-resistant -30 degrees.

PUMP SYSTEM

Special silent pump for an excellent pressure regulation by a knob on the device front panel. The pump can be hung to any kind of hospital bed frame by means of two adjustable hooks. For use with bubble or alternating cell mattresses.



28512

TECHNICAL SPECIFICATIONS - PUMP

	28514	28517
Size:	25x13x9.5h cm	
Operating voltage:	110-240 V, 50-60 Hz	
Working pressure:	50-105 mmHg	50-110 mmHg
Air output:	4-6 liter/min	5-8 liter/min
Cycle time:	6 min	
Plastic casing:	Taiwan chimei ABS	
	TUV-CE IEC/EN60601-1; 60601-1-2	

INTERCHANGEABLE CELL-MATTRESS

Recommended for the prevention and treatment of pressure sore stage I and II in long-term and domiciliary therapies. The 24 7.5 cm-high Nylon+PVC cells provide superior comfort. They can easily be replaced in case of breakage.

GIMA code	MATTRESSES AND PUMP
28513	Bubble mattress
28514	Pump for 28513
28515	Kit bubble mattress+pump (28513+28514)
28516	Interchangeable cell mattress
28517	Pump for 28516
28518	Kit cell mattress+pump (28516+28517)
28519	Spare cell for 28516

TECHNICAL SPECIFICATIONS - MATTRESS

	28513	28516
Total size:	200x90x7 cm	180x80x7.5 cm
Flaps length:	50x50 cm (top + bottom)	-
Cell height:	7 cm (2.7")	7.5 cm (3")
Material:	PVC	Nylon+PVC
Thickness:	0.35 mm	≥ 0.35 mm
Number of cells:	130	24+1 spare
Suitable for persons up to:	100 kg	110 kg

ELBOW CRUTCHES MADE IN FRANCE



- 43100 EVOLUTION CRUTCHES - black/grey
- 43101 EVOLUTION CRUTCHES - blue/grey
- 43102 EVOLUTION CRUTCHES - orange/grey
- Ergonomic handle and brachial support to enhance safety and quality of arm support while moving around.
- 43110 PROGRESS 2 CRUTCH

For tall and heavy-weight adults, the handle adjust from 22 to 29 cm. This crutch is switcheable for adults whose size is comprised between 160 and 215 cm.

- 43115 TIKI CRUTCH - blue/orange

For children or teenagers. The handle adjust from 17.5 to 20 cm.

- 43120 RUBBER TIP - grey - bag of inside Ø 19 mm

TECHNICAL SPECIFICATIONS

Model	EVOLUTION	PROGRESS 2	TIKI
Weight kg:	0.5	0.5	0.5
Height handle to floor mm:	758-883	720-960	520-740
Material of handle:	Polypropylen		
Diameter upper/down pipe mm:	22/19	22/19	22/19
Number of adjustment of height:	12 times adjustable every 12 mm		
Finishing/material:	grey anodisation/aluminium		
Certified and tested for kg:	130	150	100
Standard used for testing:	EN ISO 11199-1		
Adjustable handgrip:	-	4 times	3 times
Handgrip size: Ø x l x h mm	35x100x235	35x100x220/290	32x100x175/200

ERGONOMIC HEIGHT ADJUST. STOOLS



- 45250 ERGO STOOL - black
 - 45251 ERGO STOOL - white
 - 45252 ERGO STOOL - blue
- Ergonomically designed comfortable stool with saddle-shaped seat and height adjustment with a gas piston. Height adjustable 52 to 67 cm

- 45260 ERGO B STOOL - black
 - 45261 ERGO B STOOL - white
 - 45262 ERGO B STOOL - blue
- Ergonomically designed comfortable stool with saddle-shaped seat. Three levers with a gas piston allow adjustment of height, backrest angle and seat. Height adjustable 62 to 78 cm

■ PHARMADOCT FIRST AID, MEDICATION AND WELLNESS



All products are in blister with 5 languages package (GB, FR, IT, ES, DE)

GIMA code	PHARMADOCT LINE	Pieces for box	Minimum order*	GIMA code	PHARMADOCT LINE	Pieces for box	Minimum order*
25300	Classic plasters - 7x2 cm	20	12 box	25316	Herpes patch	15	12 box
25301	Classic plasters - 6 assorted sizes	30	12 box	25318	Nasal strips	10	12 box
25302	Classic plasters - 6 assorted sizes	100	12 box	25372	Ear plugs	4	12 box
25305	Hypoallergenic plasters - 5 assorted sizes	30	12 box	25350	Corn plasters	10	12 box
25307	Hypoallergenic plasters - 2 assorted sizes	4	12 box	25351	Oval corn plasters	9	12 box
25310	Children plasters "tattoo" 2 assorted sizes	16	12 box	25352	Blister plasters	5	12 box
25312	Plasters with hemostatic gauze	20	12 box	25370	Dental floss	1	12 box
25314	Hand plasters-3 assorted sizes	14	12 box	25380	Lip balm classic	1	12 box
25320	Dressing strip 100x6 cm	1	12 box	25382	Lip balm strawberry	1	12 box
25322	Cloth roll - fabric - 5 mx1.25 cm	1	18 box	25360	Nail scissors	1	12 box
25324	Cloth roll 5 mx2.5 cm	1	12 box	25361	Cuticle clipper	1	12 box
25335	First aid - kit of 8 different products	8	8 box	25362	Nail file	1	12 box
25330	Cotton gauze swabs 18x40 cm	6	12 box	25363	Tweezer	1	12 box
25332	Elastic bandages 4 mx6 cm	2	6 box	25364	Small nail cutter	1	12 box
25337	Adhesive elastic compression bandage 2.5 mx 6cm	1	6 box	25390	Condoms	12	8 box

* Minimum order is carton of "....." boxes, each one containing "....." pieces

SMART TENS - EMS

• 28355 SMART TENS

TENS is a therapeutic technique mainly used for analgesic purposes in physiotherapy. Suitable for a wide variety of pain therapies: acute or chronic pain, muscular pain, post-operative pain and also pains caused by pregnancy. It's usually divided according to its action mechanism in tens conventional, tens endorphinic, tens sequential, tens maximum value, tens Burst.

EMS is a stimulating technique activating muscular contractions through electrical impulses.

As in TENS stimulation, impulses are applied to patient through electrodes placed next to the muscles to be treated.

In physiotherapy EMS is used for post-trauma and post-operative muscular rehabilitation and also as a complementary aid in sports activity and aesthetic treatments.

Basic programmes used in TENS treatments together with EMS classic protocols are combined in this product. SMART TENS offers a wide possibility to treat acute and chronic pains (TENS) and muscular strengthening and stimulation (EMS).

Supplied with 2 connection cables for electrodes, 4 pre-gelled electrodes, belt clip, 4xAAA size batteries, user manual (GB, FR, IT, DE, ES) in a carrying bag.

Digital
keyboard



CE 0476



On line quick
guide on display

TECHNICAL SPECIFICATIONS

- combined electrotherapy unit with 2 independent channels
- compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid hazardous thermal effect of polarization
- 6 TENS stored programmes
- 5 EMS stored programmes
- 2/120 Hz waveform frequency
- 60 mA maximum intensity
- size: 68x110x31 mm
- 1 TENS free programme
- 1 EMS free programme
- 50/400 μ s width impulse
- power supply 4 batteries AAA Size
- weight: 85 g (without batteries)

MIO-VEIN - CALF STIMULATOR

• 28378 MIO-VEIN CALF STIMULATOR

2 channels FES device (Functional Electrical Stimulation) to stimulate calf muscles and help the correct venous circulation. Its stimulation reactivates calf muscular pump that is mainly responsible of venous return. Calf muscles contraction promotes the compression of superficial and deep veins. As a consequence blood reaches the heart more easily. Mio-Vein can be used not only to help the natural blood flow but also to prevent venous insufficiency and deep vein thrombosis. Moreover it can be used in presence of lower limb edemas, venous ulcers and venous diseases. It is an important support to compressive stocking therapy and finally to venous stasis treatment.

Main features:

- two independent channels for the connection of 4 electrodes
- easy to use digital keyboard
- adjustable intensity
- on-line guide on display for fast instructions
- reflective LCD display
- FES specific programme for venous stimulation
- operating with internal rechargeable battery
- 60 mApp maximum intensity
- width impulse 30-240 μ s

Supplied with 2 connections cables, 4 oval electrodes for calf, belt clip, Ni-Mh rechargeable battery, battery charger, user manual (GB, FR, IT, DE, ES), carrying bag.

• 28379 OVAL ELECTRODES - set of 2 - 130x76 mm

Dimensions:
114x68x26 mm

CE 0476



28378



T-ONE EVO II - 4 CHANNEL ALTERNATE CURRENT ELECTROTHERAPY

• 28338 T-ONE EVO II ELECTROTHERAPY - 4 channels

101 programmes for over 300 applications (pain, fitness, sport, beauty). T-ONE EVO II can generate alternate impulses on its four channels to produce sequential stimulations or contractions. In this way T-ONE EVO II stimulates kinetic chains for re-educational purpose, and can also be used in fitness training. The high power of T-ONE EVO II can satisfy both the home users and the sportmen.

Main features:

- 4 independent channels for the connections of 8 electrodes
- constant current generator (can guarantee a constant current even when skin condition changes, the device automatically stops in the event of accidental electrodes disconnection)
- compensated biphasic square wave: avoids hazardous thermic effect of polarization
- user feedback: T-ONE recognizes patient connection
- soft-touch easy to use keyboard
- on-line guide on display for fast instructions
- internal Ni-Mh rechargeable battery pack (1600 mAh)
- different treatments for man and woman
- maximum intensity 240 mApp, with 0.5 mA step regulation
- 5 languages menu (GB, FR, IT, DE ES) and 3 languages manual (GB, FR, IT) ES manual on request
- compliance with 93/42/EEC MDD (medical device CE0476).

Size: 76x125x34 mm

16 Tens Programmes

- Tens rapid
- Tens endorphinic
- Tens sequential
- Tens maximum value
- Tens Burst
- Cervical pain
- Lumbar pain
- Sciatalgia
- Distorsion Contusion
- Inflammatory
- Vascularization
- Decontraction
- Hematoma
- Regenerating skin
- Atrophy prevention
- Atrophy

9 Beauty Programmes

- Lipolysis*
- Refirming*
- Tonification*
- Definition*
- Limbs modelling*
- Microlifting
- Relaxing massage
- General recovery
- Drain-up

11 Sport Programmes

- Warm up*
- Recovery*
- Capillarization
- Competitive/Counteractive*
- Long effort*
- Basic strength*
- Speed*
- Explosiveness*
- Endurance
- Tonic contractions
- Phasic contractions



Back light
display

STANDARD ACCESSORIES

- 4 connection cables (8 electrodes)
- user manual (GB, FR, IT) and electrodes positions manual
- 5 electrodes packages
- internal Ni-Mh rechargeable battery pack and battery charger carrying bag

* These programmes allow 6 different modes: upper limbs, torso, lower limbs, for man and woman

VISOR HEAD MASK

• 25656 VISOR HEAD MASK

Great features

- faceshield with 90° rotation
- inner and outer surface treated against mist
- superior coverage to protect against droplets and splashes of liquids

Superior materials

- elastic band in anallergic material
- rotation systems in anodized aluminium
- soft support in anallergic interchangeable foam
- faceshield in heat-formed acetate with anti-fog treatment

Easy and comfortable use

- fitting headbands adjustable by velcro fasteners
- usable over ophthalmic glasses

GIMA code	VISOR HEAD	Minimum order
25656	VISOR HEAD MASK	1
25668	VISOR SHIELD	1
25669	SPARE SHIELD for 25668	box of 5

Antifog mask
0.7 mm thick

CE Class II EN 166-167-168 U1SN



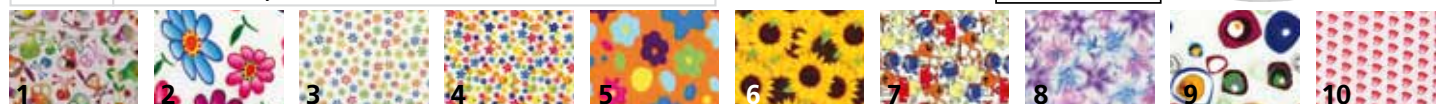
IUKO PROTECTIVE SHIELDS

PROTECTIVE SHIELDS

Comfortable, ultra light stylish protective shields.
They provide high protection from squirts and sprays.
Folding shield behind the nape.
Adjustable size, fits majority of healthcare professionals.
Fits over glasses.
White or fantasy colour.
Supplied with 2 face transparent shields.
Made in Italy.

GIMA code	PROTECTIVE SHIELDS	Minimum order
30860	TETI protective shield	1
30859	TETI TUNING protective shield - flowers	1
30862	TETI TUNING protective shield - other pattern (1 to 10 below)	10*

Select minimum 10 mixed fantasy shields (see below patterns) indicating number (1 to 10) and requested quantities per each fantasy.
*Available in 20 days.



ULTRA LIGHT CLOGS WITH STRAP

200 g ONLY



GIMA ULTRA LIGHT CLOGS

Protective clogs meeting requirements of working shoes norms EN 20347: 2008 A and SRC

- **extremely light:** only 200 g per pair
- **aerated:** lateral holes provide aeration but avoid liquid dropping in

- **anatomic:** respect natural foot anatomy
- **antishock:** maximum energy absorption in the heel zone
- **antislip:** the unique design of the sole's tread meet the SRC requirements regarding the slipping resistance
- **antistatic:** antistatic non marking element in the heel zone working even after many washing
- **washable up to 50°C:** with normal detergents or bleach, resistant to chemicals or UV sterilizations - **antibacterial, antimould, antifungus**
- **26206 ULTRA LIGHT CLOGS - other colour - minimum 50 pair (available in green, orange, black, fuchsia)**

ULTRA LIGHT CLOGS

Size	White	Blue
34	26190	26210
35	26191	26211
36	26192	26212
37	26193	26213
38	26194	26214
39	26195	26215
40	26196	26216
41	26197	26217
42	26198	26218
43	26199	26219
44	26200	26220
45	26201	26221
46	26202	26222
47	26203	26223

■ NEUROLOGICAL KIT

31265



• 31265 NEUROLOGICAL KIT - 3 hammers

This kit includes 3 metal hammers in a foam box:
Taylor hammer, Buck hammer and Babinsky hammer.

■ STEREOPTIC TEST

• 31293 STEREOPTIC TEST

This test is performed at a distance of 30-40 cm and allows evaluation of the cooperation between the two eyes to form a single image to the brain from the two images provided separately by each of the two eyes. It can be used for children from the age of one year and adults if you suspect strabismus, amblyopia or visual reduction of one or both eyes.



Gima stereoptic test contains
one ball, one fish, one star,
one tree. Ball can be seen by
one eye only.

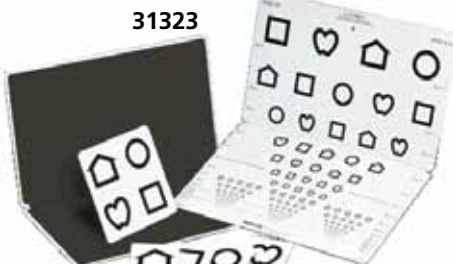


■ LEA SYMBOLS AND NUMBERS VISION CARDS AND CHARTS

31322



31323



31324



31325



• 31322 LEA SYMBOLS NEAR VISION CARD - 40 cm (16 inches)

This test measures near visual acuity with proportionally spaced (logMAR) lines on the front and lines with 25% and 50% spacing on the back. Response key printed on test card. Includes training cards and instructions. Card measures 20.3x25.4 cm (8x10").

• 31323 LEA SYMBOLS 15-LINE DISTANT CHART - 3 m (10 feet)

This test is designed for vision screening at schools and assessment of vision of children with special needs beginning with age of 3 years. Has a hole for hanging the chart on the wall. Includes response key, training cards, and instructions. 43x53.4 cm (17x21"). Folds to 43x26.7 (17x10.5").

• 31324 LEA NUMBERS NEAR VISION CARD - 40 cm (16 inches)

Designed to measure visual acuity with a standard line test and with three tighter spaced tests; 50%, 25%, and 12.5%, which often reveal difficulties in seeing tightly crowded details. Card measures 20.3x25.4 cm (8x10").

• 31325 LEA NUMBERS 15-LINE DISTANT CHART - 3 m (10 feet)

This test is designed for vision screening at schools and assessment of vision of children with special needs beginning with age of 3 years. Has hole for hanging on the wall. 45.7x50.8 cm (18x20"). Folds to 45.7x25.4 (18x10").

■ LOW CONTRAST CHARTS

31318



31317

• 31317 CONTRAST SENSITIVITY CARD - NEAR VISION 40 cm size 40x34 cm

• 31318 CONTRAST SENSITIVITY CHART - FROM A DISTANCE 3 m size 77x61 cm

It checks for the ability to distinguish light and dark (contrast). It can detect vision problems. Also useful to reveal in time regression or progression of the cataract disease.

■ OCCLUDERS

Multiple pinhole



31275

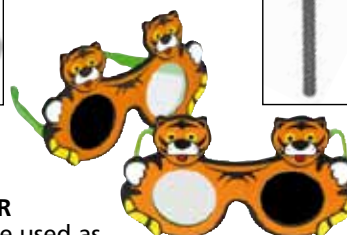
• 31275 EYE OCCLUDER - 170x200x3 mm

• 31274 OCCLUDER

• 31276 FUN FRAMES OCCLUDER

Set of two tiger fun frames to be used as occluder during children examinations.

31274

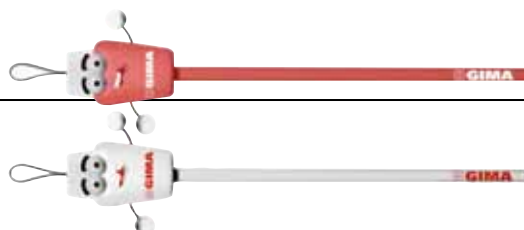


31276

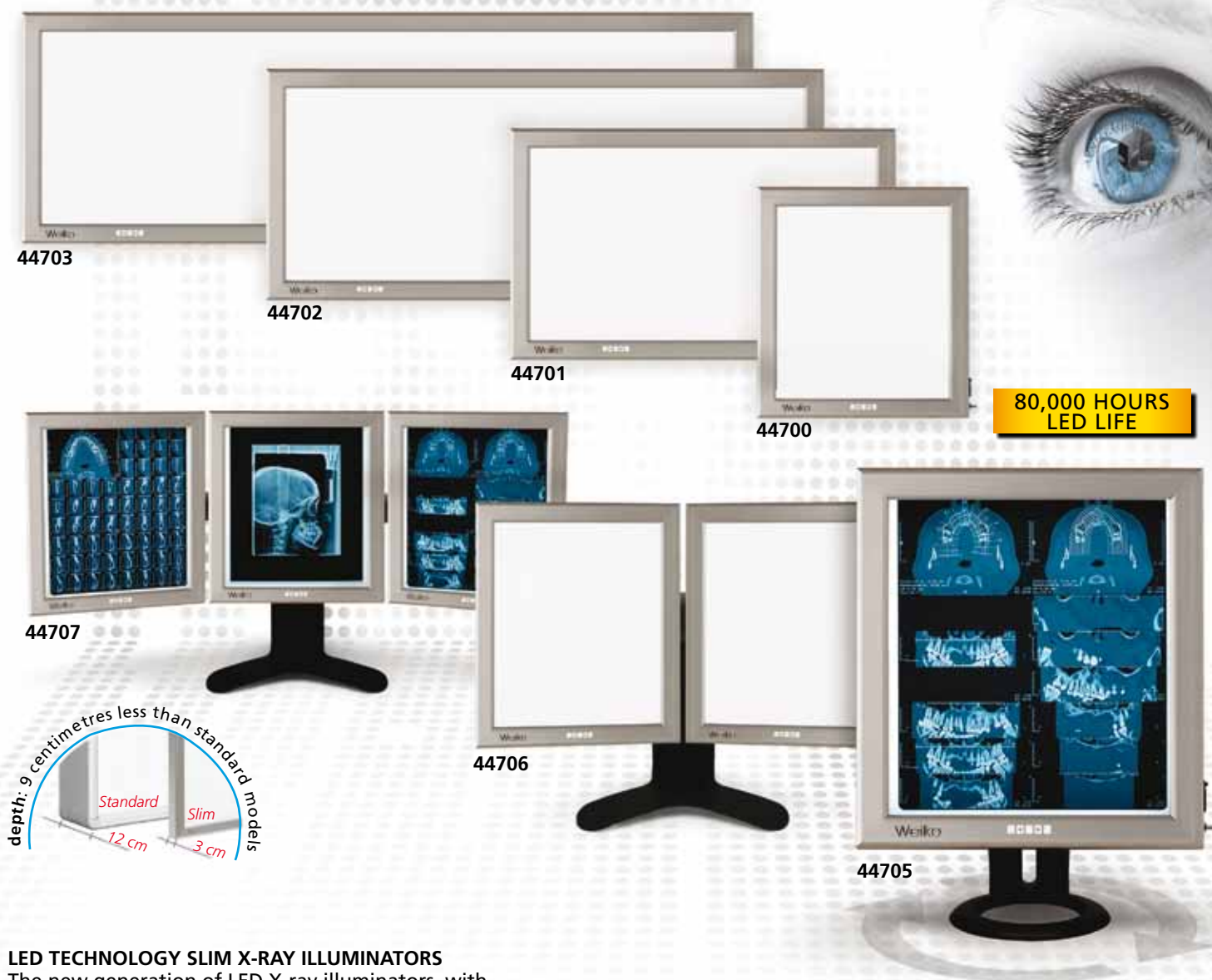
■ OPTOMETRIC PENCILS

• 31319 OPTOMETRIC PENCILS - set of 2 pcs

Set of two wooden puppets (red and white) used to capture attention during vision evaluation in young non-verbal children. Can also be used for test of convergence.



LED ULTRA SLIM X-RAY ILLUMINATORS - DESKTOP AND WALL



LED TECHNOLOGY SLIM X-RAY ILLUMINATORS

The new generation of LED X-ray illuminators with colour temperature of 7,200°K for superior viewing and reading of radiography.

Complete elimination of light flickering and 3,500 cd/mq luminance for more uniform light diffusion.

Frame in antiscratch anodized aluminium.

Film gripping system incorporated.

Dimmer for luminance adjustment from 30% to 100%.

Economic advantages:

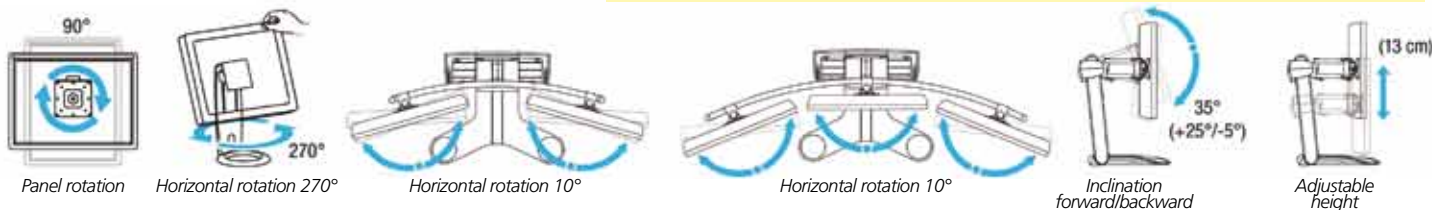
- LED life 80,000 hours, with low maintenance costs
- low energy consumption compliant with European law
- Double support for horizontal or vertical wall mounting or desktop.

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)

PANELS ADJUSTMENT



GIMA code	WALL LED SLIM VIEWERS viewing area	External size			Weight kg	Switches	Types
		Length	Height	Depth			
44700	Light box 42x36 cm	46	50.5	3	4	1	■ 1 panel
44701	Light box 42x72 cm	82	50.5	3	8	1	■ 2 panels
44702	Light box 42x108 cm	118	50.5	3	12	1	■ 3 panels
44703	Light box 42x144 cm	154	50.5	3	16	1	■ 4 panels
	DESKTOP LED SLIM VIEWERS viewing area						
		Length	Height	Depth			
44705	Light box 42x36 cm x1	46x1	50.5	3	6	1	■ 1 panel
44706	Light box 42x36 cm x2	46x2	50.5	3	20	2	■ 2 panels
44707	Light box 42x36 cm x3	46x3	50.5	3	26	3	■ 3 panels

TECHNICAL SPECIFICATIONS

Colour temperature: Cool white 7,200°K

Power supply: 230 V - 50/60 Hz

Conformity to Low Voltage Directive 2006/95/CE

Conformity to Electro Magnetic compatibility 2004/108/CE

Conformity to EEC directive 2007/47 medical Device Class I

All components UL, DVE, IMQ approved

Made in Italy

Brightness: 3,500 cd/m²

LED life: 80,000 hours

LED MAGNIFYING LAMP - 5 DIOPTRES

• 30737 LOUPE LED MAGNIFYING LIGHT

Smartly designed cold light LED lamp with 5-dioptres magnification. 5 wheels base and articulated arm allow easy movement. Made in Europe.

The right light
LUXO



TECHNICAL SPECIFICATIONS

Type of light:	LED
Dioptres:	5
Lens:	Ø 12.7 cm
Operating voltage:	230 V - 50 Hz
Class II	
Electrical security:	UNI EN 60601-1 (1990)
Electromagnetic compatibility:	EN 60601-1-2 (1993)



Height
50+50 (arm) +
95 cm (trolley)

30737

• 30736 DERMALED MAGNIFYING LAMP

Cold light LED lamp with 5-dioptres magnifying lens and brightness adjustment. It comes with a high stability 5 wheels base and an articulated arm for easy movement and fixing of the lamp. Suggested for dermatology and beauty treatments. Made in China.



TECHNICAL SPECIFICATIONS

Type of light:	LED
Voltage:	8 W
Dioptres:	5
Operating voltage:	100-240 V - 50/60 Hz
Net/Gross weight:	10-12 kg



30736

RIESTER RI-FOCUS LED HEADLIGHT

• 30881 RI-FOCUS LED HEADLIGHT - with rechargeable batteries

High performance LED headlight with battery compartment for fast and easy change of battery. Flexible hinge for a comfortable one-hand use of the LED illumination body. - more efficient diagnosis due to white and high performance LED with up to 100,000 LUX and 50,000 hours lifetime - wireless headband with built-in battery compartment - particularly comfortable with balanced headband and one-hand operation - focusable LED lamp at a distance of 40 cm approx Ø 40 mm to 200 mm infinitely focusable - white LED with 6,000 °Kelvin, 140 lumen - significantly less heating and energy loss - rechargeable battery operation: approx 90 min with fully charged batteries
Rechargeable AAA batteries and plug in 230 V charger included



On/off switch on the battery compartment

Removable and washable inner padding

Weight 210 g without batteries

Made in Germany

30881

TECHNICAL SPECIFICATIONS

Distance:	400 mm	200 mm
Lux max:	10,000	23,000
Circle of light max Ø:	200 mm	120 mm
Circle of light min Ø:	40 mm	30 mm

BIONIX LIGHTED CURETTES

• 31455 SET OF LIGHTED CURETTES

8 different lighted curettes (see beride models) + LED illuminator + lens + lighted forceps (31458) + light articulated ear curette (31459)

• 31461 KIT MICROLOOP

• 31463 KIT FLEXLOOP

• 31465 KIT INFANTSLOOP

• 31466 KIT ANGLELOOP

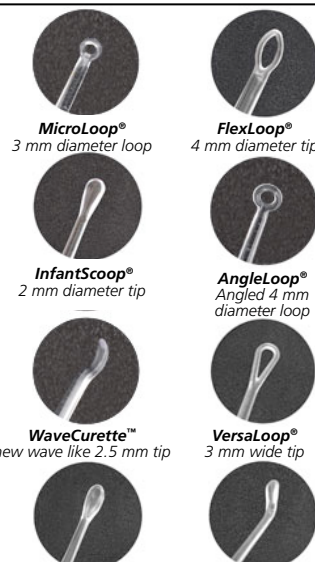
All kits are composed by 50 curettes + LED illuminator + Lens

• 31458 LIGHTED FORCEPS - box of 10 + Lens + LED illuminator

• 31459 LIGHTED ARTICULATING

CURETTES - box of 50 + Lens + LED illuminator

Ear curette tip has a 90° range of motion. It articulates to assist in removal of cerumen from the ear canal



MicroLoop®
3 mm diameter loop

FlexLoop®
4 mm diameter tip

InfantScoop®
2 mm diameter tip

AngleLoop®
Angled 4 mm diameter loop

WaveCurette™
new wave like 2.5 mm tip

VersaLoop®
3 mm wide tip

CeraSpoon®
4 mm wide tip

CeraPik™
2.5 mm concave tip bent to 45°

Great for hard, impacted cerumen and foreign bodies



31458
Lighted forceps for foreign body removal

31459
Lighted ear curette with 3 mm tip

PENTALED 30E SURGERY LAMP 130,000 LUX

LED LIGHT INNOVATIVE TECNOLOGY

PentaLED 30E is a compact size hi-tech product to guarantee great performance levels. It has 30 elliptical reflectors split into 6 modules each containing 5 LEDs, providing 130,000 LUX

- **selectable 5,000 °K - 4,500 °K.** By simply pressing the digital key, the surgeon can choose two different white light temperatures

- **E-view.** Innovative lens allows the surgeon to expand/narrow the illuminated operating field electronically, without altering intensity of light.

- **E-comfort.** The indirect light creates 3D shadowless illumination of the operating field, no risk of dazzling

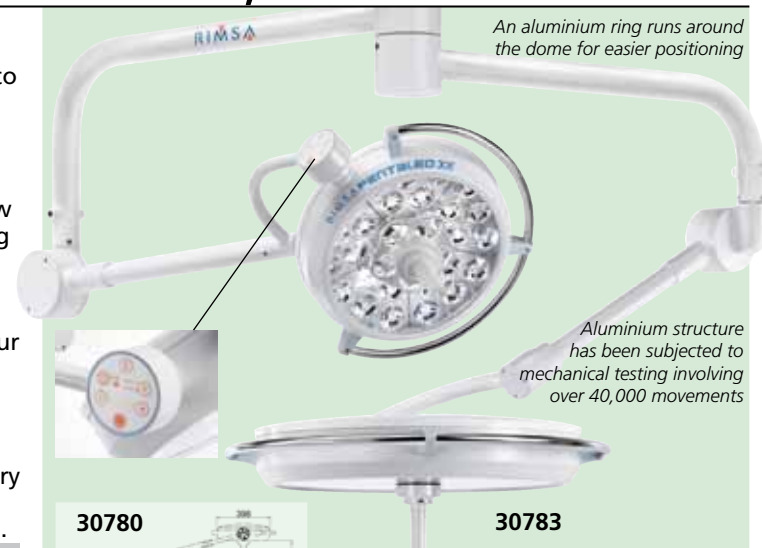
- **E-white.** Only white light to avoid risk of perception of colour temperature variations or coloured shadows

- **E-deep.** Centre of light is fitted with extra LEDs module specifically designed to reflect deep light. This means that surgeon can work with perfect 3D lighting.

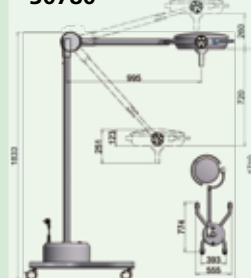
Battery and high definition camera on request. Optional battery group with automatic charger (4 hours autonomy) and high definition integrated camera (for ceiling and wall model only).

GIMA code	PENTALED 30E
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 - up to serial number 12071
30738	Autoclavable handle - since serial number 12072

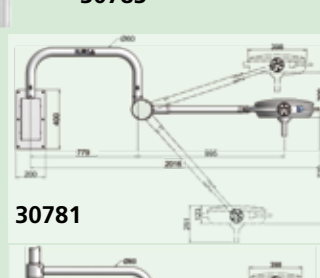
TECHNICAL SPECIFICATIONS	
Adjustable light intensity at 1 m distance (Ec)	Klx 60 to 130
Colour temperature - switchable	°K 4,500 to 5,000
Colour rendering index (CRI)	Ra 96
Light field (electronically adjustable)	16-28 cm
Light field diameter where the illuminance reaches 10% of Ec (d10)	mm 160
Light field diameter where the illuminance reaches 50% of Ec	mm 80



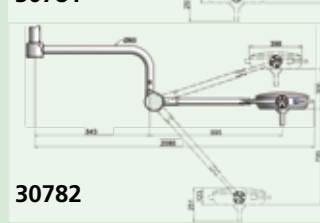
30780



30783



30781



30782

HALOGEN AND LED LIGHTS FOR EXAMINATION AND MINOR SURGERY



Model	LUXIFLEX		MINIMED	
Type of lighting	halogen	LED	halogen	LED
Consumption (Watt)	35	10	50	12 (4x3)
Life of the bulbs (hours)	5,000	25,000		
Light intensity at 50 cm (lux)	50,000	15,000	38,000	20,000
Colour temperature ± 5% at 1 m (K)	4,000	3,000	3,100	6,500
Colour	white	white	white	white
Norms	— EN 60601-1-2 —		— IEC 60601-1 —	
Marks	— CE 93/42 —		CE 93/42 CE 93/42	
Weight (kg)			9	9
Operating voltage V-Hz	230 - 50	230 - 50	230-50/60	230 - 50/60

- **30754 LUXIFLEX on trolley - halogen**
- **30756 LUXIFLEX on trolley - LED**

Stylish and versatile light for examination and minor surgery procedures in health-centres, clinics and hospitals. Suitable also for veterinary examinations and procedures. Safe low voltage operation with electronic transformer lodged at the bottom of the lamp. Flexible arm and 5 castors trolley allow easy use and movability. Class II. Made in Europe.

- **30757 SPARE BULB LUXIFLEX - halogen**

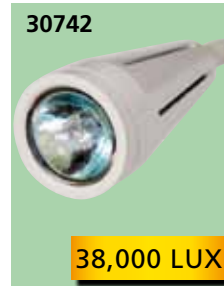
- **30742 MINIMED ON TROLLEY - halogen**

- **30743 MINIMED ON TROLLEY - LED**

Low voltage and high definition, intense light. Flexible arm for versatile use. Supplied on a sturdy 4 castors stand for easy movability.

Made in Italy.

- **30744 SPARE BULB - 50 W - halogen**



RIESTER ANEROID SPHYGMO - MADE IN GERMANY



• 32686 SANAPHON SPHYGMO with integrated stethoscope

A classic palm-style latex-free sphygmomanometer for precise self-measurement including stethoscope. Sanaphon® guarantees exact measurement values even for patients with heart rhythm disturbances.

• 32687 E-MEGA SPHYGMO

With disinfectable latex free one-piece cuff.

- fast inflation of the cuff due to new ergonomic spoon design
- lifelong precision due to almost non-aging precision movement, with specially tempered copper-beryllium diaphragm for pressure-loading capacity up to 600 mmHg
- comfort - air release valve, wearfree, with fine adjustment

• 32716 R1 SHOCK PROOF SPHYGMO

Exact precision that lasts a lifetime.

- Made in Germany, 5 years warranty on calibration.
- shock-proof up to a falling height of 120 cm
- scale: Ø 52 mm black with red fluorescent pointer
- valve base and air duct with metal precision valve
- two-component ABS casing
- metal threaded tube connection at the top of the casing for fast cuff exchange and ergonomical operation.
- maximum error tolerance of ± 3 mmHg
- weight: 173 g
- supplied in velcro bag
- latex free

PERFECT ANEROID

ERKA SWITCH

ERKA SWITCH SIMPLEX



ERKA.

• 32688 ERKA PERFECT - 201.003.02 dial Ø 48 mm - 2 tubes

Sphygmomanometer with screw valve for sensitive adjustments, velcro cuff and case.

- manometer housing brass chromed plated
- membrane-protection 2-tube technology
- measuring range 0-300 mmHg $\pm 1\%$

Made in Germany.
3 year warranty.

• 32689 ERKA SWITCH 2.0 CONFORT - 293.603.13 - dial Ø 56 mm - 1 tube

It offers outstanding ergonomics and simple adaptation for left and right-hand users. It is manufactured from shock-resistant polycarbonate and has passed the shock test according to AAMI SP9. The sight glass is chemically stable and unbreakable. The brass valve screw works smoothly and is adjustable to exact settings. Measuring range 0-300 mmHg $\pm 1\%$. Supplied with pouch. Made in Germany. 4 year warranty hand held, 2 year manometer.

• 32697 ERKA SWITCH SIMPLEX - dial Ø 56 mm - 2 tubes

It is manufactured from shock-resistant polycarbonate and has passed the shock test according to AAMI SP9. The sight glass is chemically stable and unbreakable. The brass valve screw works smoothly and is adjustable to exact settings. Measuring range 0-300 mmHg $\pm 1\%$. Black velcro cuff. Supplied with pouch. Made in Germany. 4 year warranty hand held, 2 year manometer.

OMRON DIGITAL BLOOD PRESSURE METERS



• 32930 OMRON M3 HEM-7200-E



The IntelliSense™ technology ensures that the right inflation pressure is automatically detected. It detects irregular pulses and decides fully automatically if the measurement result is usable or the measurement needs to be repeated. Only accurate results are displayed.



Irregular heartbeat detection



B.P. level indicator easily identifies possible hypertension



Full size display with all parameters at once



2 user memories

Comfort cuff fits normal and large arms



• 32931 OMRON M6 COMFORT - HEM-7223-E

• 32932 OMRON R3 HEM-6200-E

TECHNICAL SPECIFICATIONS

	32930 M3	32931 M6	32932 R3
Measuring method:	oscillometric		
Measuring range:	0 mmHg to 290 mmHg \pm 3 mmHg		
Pressure:	40 to 180 min \pm 5% of display reading		
Pulse:			
Memory (with data and time):	60	100x2 users	60
Inflation:	fuzzy logic controlled by electric pump		
Deflation:	automatic pressure release valve		
Rating:			
Power source:	4 "AA" batteries 1.5V		
Battery life (N° of measurements):	1500	1000	300
Protection against electric shock:	internally powered ME equipment (when using batteries)		
Weight (console+cuff) without batteries:	340+120 g	380+210 g	117 g
Size:	123x141x85 mm	123x158x85 mm	71x70x41 mm
Cuff materials:	nylon and polyester		
Measurable circumference:	22-32 (arm)	22-42 (arm)	13.5-21.5 (wrist)

X-LIFE AUTOMATIC DIGITAL B.P. MONITORS - ESH APPROVED

Size: 140x104x50 mm

Weight: 247 g

LCD size 60x51 mm

Cuff size for arm circumferences 23-33 cm



Size: 74.5x74x30 mm

Weight: 95 g

LCD size 34.5x42 mm

Cuff size for arm circumferences 13.5-19.5 cm



Liquid crystal display

TECHNICAL SPECIFICATIONS

Measuring method:	oscillometric
Measuring range:	
pressure:	0-300 mmHg
pulse:	40-199 bpm
Accuracy:	
pressure:	\pm 3 mmHg
pulse:	\pm 5%
Power supply:	
arm type:	4xAA alkaline batteries
wrist type:	2xAAA alkaline batteries
Battery life:	
arm type:	300 measures
wrist type:	250 measures

• 32924 X-LIFE ARM TYPE B.P. MONITOR

• 32926 X-LIFE WRIST TYPE B.P. MONITOR

Accurate and precise automatic digital blood pressure meters for smooth and fast measurements with innovative functions:

- IHB: irregular heartbeat detector
- WHO risk category indicator (classifies your measurements in 6 stages of risk, from optimal to severe hypertension)

- proven clinically to meet European Society of Hypertension ESH protocol

- easy to read, wide angle display
- 120 memories for 3 users: 3 zones of 40 memories each
- start/stop unique button, with blue backlight
- memory average: automatically average last 3 memories

• 32925 SPARE CUFF - adult

SMART AUTOMATIC DIGITAL B.P. MONITOR - BHS APPROVED



• 32920 SMART AUTOMATIC B.P. MONITOR

- Compact, one touch operation B.P.M. with innovative features:
- smart inflation technology for automatic pumping to proper pressure
 - innovative cuff for one hand operation
 - average value of latest 3 readings
 - 90 memories (automatic save of records when changing batteries)
 - display systolic, diastolic and pulse rate simultaneously
 - inbuilt sensor for extra accuracy according to BHS

• 32921 SPARE CUFF - adult

TECHNICAL SPECIFICATIONS

Measuring method:	oscillometric
Display:	systol, diastol and pulse
Measuring range:	40-260 mmHg (blood pressure) \pm 3 mmHg
	40-160 beats/min (pulse rate) \pm 5% of reading
Power supply:	4x"AA" batteries 1.5 V
Dimensions:	130x67x52 mm
Weight:	220 g (excluding batteries)
Arm cuff:	applicable for arm circumferences 22-32 cm

PORTABLE USB VIDEOTOSCOPE + SOFTWARE

- 72560 VIDEOTOSCOPE + SOFTWARE
 - 72570 KLEENSPEC® DISPOSABLE EAR SPECULUM Ø 3 mm - box of 100 (4 pouches of 25)
 - 72571 KLEENSPEC® DISPOSABLE EAR SPECULUM Ø 4 mm - box of 100 (4 pouches of 25)
- Pocket USB videotoscope suitable to capture photograph, video or time-lapsed video with a click of a button. Save file format in jpg, bpm or avi. Multilanguage manual: English, Italian, Spanish, French, German.

TECHNICAL SPECIFICATIONS

Resolution: 1.3 M pixels
Adjustable Magnification: 55 X - 90 X
Illumination: built in 8 white LED (ON/OFF controlled by software)
Frame rate: up to 30fps, at 1.3 M pixel
Interface: USB (PC) 2.0
Polarized: ON/OFF
DinoCapture multilanguage software (English, Italian, Spanish, French, Greek, Portuguese, German, Arabic, Chinese, Romanian, Polish, Japanese, Swedish, Thai)
Size: 10x Ø 3.2 cm - Weight: 95 g



Supplied with 150 speculum:
50 each size Ø 3mm, Ø 4mm,
Ø 5mm

CE 0068

PRODUCT REQUIREMENT

Compatible with Windows 2000/XP, Vista, Win7 and MAC X computers (10.4 or further)
256MB RAM
CD-ROM drive
Hi-speed USB 2.0 port

WELCH ALLYN MACROVIEW™ OTOSCOPE

- 32100 MACROVIEW™ HEAD - 23818
- 32101 LITHIUM ION HANDLE WITH AC CHARGING MODULE 3.5 V - 71902

This next-generation otoscope features advanced optics that increase magnification while giving you nearly a full view of the tympanic membrane - virtually eliminating the need for panning. What's more, with its easy-to-focus eyepiece, the MacroView allows for enhanced visualisation to help you to see past wax, locate fluid behind the eardrum, and even perform exams without your glasses.

- twice the field of view
- 30% greater magnification than a traditional otoscope
- nearly a full view of the tympanic membrane
- better clarity and definition of landmarks
- ability to adjust focus for variable ear canal lengths or farsighted eyes
- 32106 KLEENSPEC® ADULT DISPOSABLE EAR SPECULA 4.25 mm - box of 850 pcs - 52434-UB
- 32105 KLEENSPEC® PEDIATRIC DISPOSABLE EAR SPECULA 2.75 mm - box of 850 pcs - 52432-UB
- 32135 SPARE HALOGEN BULB - 3.5 V - 06500 U

Adjustable focus wheel allows you to accommodate for variable ear canal lengths and your farsighted eyes allowing a full view of the tympanic membrane

Tip grip ensures ear specula is fastened securely and easily disposed

Default focus position (the dot and the line)

Advanced optics give you 2 X the field of view and 30% greater magnification than a conventional otoscope

Insufflation port for pneumatic otoscopy

32100

WelchAllyn®



32101



Lithium-ion handle with AC charger module compatible with all Welch Allyn instrument head 3.5 V

WELCH ALLYN PANOPTIC™ OPHTHALMOSCOPE

- 32110 PANOPTIC OPHTHALMOSCOPE HEAD - 11810
- 32101 LITHIUM ION HANDLE WITH AC CHARGING MODULE 3.5 V - 71902

PanOptic is a breakthrough concept in ophthalmoscopy. Thanks to an innovative, optical design known as Axial PointSource™ Optics, it will greatly enhance your funduscopy examinations.

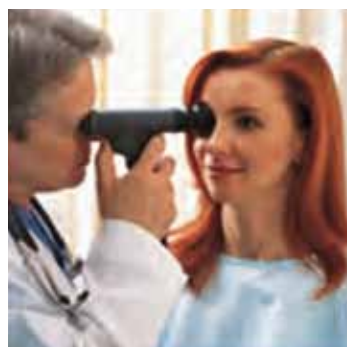
- fast easy entry into small, undilated pupils
- 5 X larger field of view than you see with standard ophthalmoscopes in an undilated eye
- 25° field of view versus the 5° field of view of standard ophthalmoscopes
- a 26% increase in magnification, making it easier to see retinal details
- greater distance between practitioner and patient means greater comfort for all
- 32127 SPARE HALOGEN BULB - 3800 U

FIELD OF VIEW



Larger view of the fundus

5X



Patented Axial PointSource™ Optics: makes it easy to enter undilated pupils, and provides a 25° field of view, resulting in a view of the fundus that's 5 X greater than you see with a standard ophthalmoscope in an undilated eye

Halogen HPX™ Lamp: provides whiter, brighter light

Glare Extinguishment System: prevents interference from unwanted glare and reflections

Welch Allyn 3.5v Power Sources: compatible with any standard 3.5 V power source including: desk charger handles, convertible battery handles, wall transformers and the Lithium Ion Power Handle



Patient Eyecup: establishes and maintains proper viewing distance, provides image stability, serves as a pivoting point for panning around the retina, helps with orientation, and screens out ambient light. The eyecup is cleanable and reusable

PanOptic Soft Grip: ergonomically designed for maximum comfort, balance, and access to controls.

Aperture Dial: allows you to select micro, small, and large spot sizes. Also includes red-free filter and slit aperture, half-moon aperture for corneal exams

Dynamic Focusing Wheel: adjusts the focus in a continuous, smooth action for more precise control and optimum view. Available focusing range is -20 to +20 diopters

WelchAllyn®

■ VISIO 2000 F.O., XENON HALOGEN OTO, OPHTHALMO, ENT SETS - 3.5 V

Professional diagnostic sets with fiber optic illumination system, Xenon halogen light 3.5 V, rheostat to adjust the intensity of light. Powered by rechargeable Li-ion batteries. All products are made of impact resistant re-inforced plastic and durable easy locking system for hospital long term use. Supplied in deluxe case with charging station and rechargeable Li-ion battery.

- 31535 SIGMA PLUS F.O. XENON OTOSCOPE - 3.5 V
- 31536 SIGMA PLUS F.O. XENON OPHTHALMOSCOPE - 3.5 V
- 31538 SIGMA PLUS F.O. XENON OTO-OPHTHALMOSCOPE - 3.5 V
- 31539 SIGMA PLUS F.O. XENON DIAGNOSTIC SET - 3.5 V
- 31543 OPHTHALMOSCOPE BULB - spare
- 31541 LI-ION RECHARGEABLE BATTERY - spare
- 31542 ZOOM CHARGING STATION - spare



Micro spot Small Large Fixation Slit Red-free filter



Colour coded 28 lenses for perfect examination (GREEN for +, RED for -)



F.O. Xenon otoscope set 3.5 V
F.O. otoscope head, battery handle with bayonet lock, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm) in a rigid case

31541

F.O. Xenon ophthalmoscope set 3.5 V

F.O. ophthalmoscope head, battery handle with bayonet lock, in

31542

Swivel type window with 3X magnification for sharp images and minimal reflection

Distal F.O. illumination with super bright LED light

Durable easy locking system

Rheostat

31535

6 apertures to select from:

Micro spot aperture
Small aperture
Large aperture
Fixation aperture
Slit
Red-free filter

Enhanced Xenon super bright light

31536



31538

F.O. Xenon oto/ophthalmo set 3.5 V

F.O. otoscope head, F.O. ophthalmoscope head, two battery handle with bayonet lock, nasal illuminator with F.O. light, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm), spare oto and ophthalmo bulbs in a rigid case.



31539

F.O. Xenon ENT diagnostic set 3.5 V

F.O. otoscope head, F.O. ophthalmoscope head, battery handle with bayonet lock, nasal illuminator with F.O. light, curved illuminator with halogen bulb, plain mirror 20.0 mm, plastic tongue depressor, 1 set of 5 reusable eartips (2.5, 3.5, 4.5, 5.5 & 9.0 mm), tube of 14 disposable eartips (2.5 & 4.0 mm), spare oto and ophthalmo bulbs, in a rigid case.

■ PC-8000 PRO HOSPITAL FOETAL MONITOR

- 29550 PC-8000 PRO SINGLE FOETAL MONITOR
- 29551 PC-8000 PRO TWINS FOETAL MONITOR

Maternal foetal monitor suitable for hospital use.

Main features:

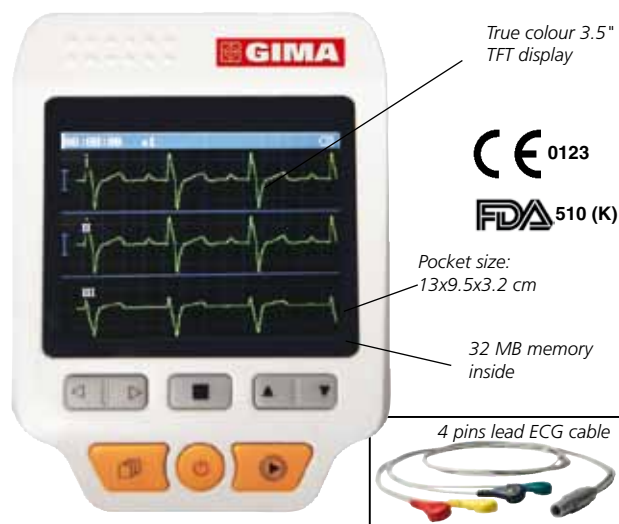
- 12.1" High-brightness TFT display (800x600 pixel)
- parameters: ECG, SpO₂, NIBP, TEMP, RESP, PR, FHR, TOCO & FM
- rotatable screen viewed from different directions and 5 different styles of operation display
- equipped with reliable, high sensitivity, 12-element pulse doppler transducer
- FHR and TOCO trend review
- store and view of 48-hour monitoring data
- built-in Linux operation system
- built-in high-speed thermal printer
- internal rechargeable Li-ion battery
- visual and audible alarms
- internal software in English



STANDARD ACCESSORIES			
Ultrasonic probe	1	Blood oxygen probe	1
Uterine contraction probe	1	Body temperature probe	1
Fetal movement probe	1	Power cable	1
Abdominal belt	2	Grounding wire	1
Ultrasonic coupling gel	1	Disposable electrode	10
ECG cable	1	User Manual (English, Italian)	1
Blood pressure cuff	1		

GIMA code	PC 8000 PRO ACCESSORIES
29552	Doppler ultrasound transducer - spare
29553	UC/TOCO transducer - spare
29554	Foetal movement probe - spare
29555	Abdominal belt - spare
29556	Z-fold paper 112x110 mm for code 29550
29557	Z-fold paper 210x100 mm for code 29551

CARDIO-C: 3 CHANNEL POCKET ECG

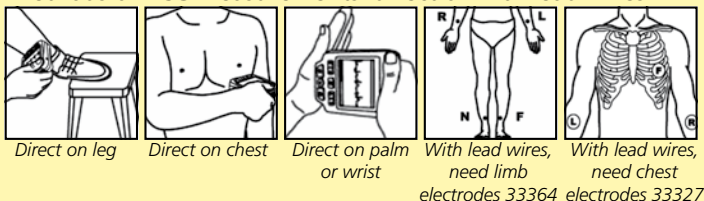


- **33245 CARDIO-C POCKET ECG - 3 channel**
 - small size, light-weight and easy to carry
 - one-key measurement
 - clear ECG waveform and interpretation of results on colour dot-matrix TFT 3.5" screen
 - up to 19 types of measurement results
 - high capacity built-in memory: 24 hours records storage and review for single channel waveform and 8 hours record storage and review for 3-channel waveforms
 - quick measurement: **by built-in metal electrodes**, on palm, chest or leg or **by external lead wires** (needs optional limb and chest electrodes)
 - data management to review or delete data records locally or to upload to PC
- Supplied with ECG viewer software, USB cable, power transformer, ECG 4 pins lead wire, 25 disposable electrodes.

TECHNICAL SPECIFICATIONS

Heart rate measuring range:	30 bpm ~ 240 bpm
Heart rate measuring accuracy:	± 2 bpm or $\pm 2\%$ whichever is greater
ECG bandwidth:	0.5 Hz ~ 40 Hz
Internal noise level:	$\leq 30\mu Vp-p$
Display scale:	5.0 mm/mV $\pm 10\%$
Common-mode rejection ratio (CMRR):	≥ 60 dB
Waveform sweeping speed:	20 mm/s $\pm 10\%$
Input loop current:	$\leq 0.1 \mu A$
Input impedance:	≥ 5 m Ω
Power:	4 AA alkaline batteries - 4.4 ~ 6 VDC
Max average working current:	≤ 160 mA
Auto power-off:	can be adjustable between 1-5 mins
Low battery indication:	4.4 VDC ± 0.2 VDC

Methods of ECG measurements: direct or with lead wires



MAXI ASPEED HIGH FLOW ASPIRATOR FOR HOSPITAL USE

MAXI ASPEED SURGICAL ASPIRATORS

Surgical aspirators for aspiration of body liquids in operating theatres and hospitals. **Easy to carry.** Equipped with 4 antistatic wheels (2 with brake) and carrying telescopic handle.

Developed to run continuously. Made in highly heat resistant, electrically insulated plastic material in conformity with latest European safety standards. Vacuum regulator with BAR/PSI vacuometer and automatic flow direction regulator to easily switch from a jar to the other. Supplied with 2 autoclavable polycarbonate jars with safety valve (overflow protection), set of atoxic sterilizable silicone tubes, 99% antibacterial hydrophobic filters (2) and multilanguage manual (GB, FR, IT, DE, ES). Made in Italy.



TECHNICAL SPECIFICATIONS

Operating voltage:	230 V - 50/60 Hz. Available on request 110-60 Hz
Air flow:	60 or 90 l/min
Operating cycle:	continuous
Adjustable vacuum level:	0-0.90 bar (0-90 kPa)
Size:	470x580x560 mm
Weight:	15 kg (60 l), 17 kg (90 l)
MDD class:	IIa

GIMA code	MAXI ASPEED	Jar	Power	Foot switch	Flow direction regulator
28285	Maxi Aspeed 60 l	2x2 l	230 V	-	yes
28286	Maxi Aspeed 60 l	2x2 l	230 V	yes	yes
28289	Maxi Aspeed 90 l	2x2 l	230 V	-	yes
28291	Maxi Aspeed 90 l	2x4 l	230 V	-	yes
28292	Maxi Aspeed 90 l	2x4 l	230 V	yes	yes

ACCESSORIES

28294	Autoclavable jar 2 l with safety valve
28295	Autoclavable jar 4 l with safety valve
28297	Hydrophobic 99% antibacterial filter
25851	Silicone tube antibacterial - 8x14 mm - minimum 30m



ASPEED 2 PROFESSIONAL ASPIRATORS - HIGH VACUUM



CE 0434
EN ISO 10079-1
Class I
Type B

- **28280 ASPEED 2 ASPIRATORS 15 l**
 - **28281 ASPEED 2 ASPIRATORS 22 l**
- Piston-type continuous cycle electric aspirators give high performance and great durability. Equipped with a protective thermal cut-out relay. They require no maintenance or lubrication. A motor-protector cap totally prevents aspirated liquids or secretions from reaching and damaging the vacuum pump. Ideal for clinical use. Made in Italy.

STANDARD ACCESSORIES

Autoclavable polycarbonate jar 1,000 cc with safety valve (overflow protection)	Sterile manual flow regulator
Disposable suction liner 1 l	Set of atoxic sterilizable silicone tubes
99% Antibacterial hydrophobic filter	Power Cable
Sterile disposable cannula	User Manual UK, FR, IT, DE, ES

TECHNICAL SPECIFICATIONS

	28280	28281
Operating voltage:	230 V - 50 Hz 110-60 Hz other voltage on request	230 V - 50/60 Hz
Bottle capacity:	1 l	1 l
High vacuum:	low flow	high flow
Air flow:	15 l/min	22 l/min
Adjustable vacuum level:	0 - -0.85 bar (0 - -85 kPa)	
Weight:	2.5 kg	3.2 kg
Case material:	plastic	
Noise level:	55 dBA	55 dBA

CARDIO 7: 12 CHANNEL RESTING ECG WITH TOUCH SCREEN

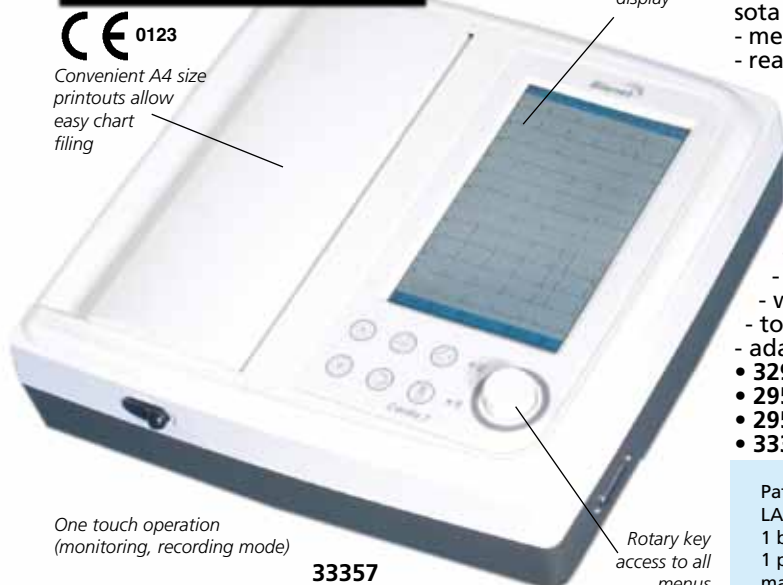
SOFTWARE EKG VIEW PLUS
for data storage on PC



12 Channel
simultaneous
display

CE 0123

Convenient A4 size
printouts allow
easy chart
filing



One touch operation
(monitoring, recording mode)

33357

Rotary key
access to all
menus

- **33357 ECG CARDIO 7: 12 CHANNEL ECG WITH TOUCH SCREEN**
- 12 channel interpretive ECG
- over 130 kinds of interpretation results based on advanced Minnesota code
- memory for up to 120 patients
- real-time preview monitor
 - PC compatible through LAN
 - multi-language selectable software (English, Russian, French, German, Italian, Chinese, Spanish, Turkish, Polish, Romanian, Portuguese)
 - lead fault message
 - pace maker detection
 - automatic arrhythmia detection
 - 5 minute long term recording
 - grid function allows you to use low cost plain fax paper
 - wide and clear color TFT LCD (800x480)
 - touch screen for easy operation
- adaptable UL (Portrait & Landscape mode)
- **32950 THERMAL PAPER A4 - box of 5 rolls**
- **29534 RECHARGEABLE BATTERY - spare**
- **29519 TROLLEY**
- **33328 ECG CABLE - spare**

STANDARD ACCESSORIES

Patient cable - 10 leads	1 paper roll
LAN cable	4 limb electrodes
1 bottle of ECG cream (70 g)	6 chest limb electrodes
1 power cable	EKG View Plus (GB, IT)
manual (English, Italian)	

TECHNICAL SPECIFICATIONS

ECG leads : 10 lead, 12 channel simultaneous ECG and acquisition
 Dimension: 296(W) x 305.5(H) x 92.5(D)mm, approx. 3.5 kg
 Recording channel: 3 channels + 1 rhythm, 3 channels + 3 rhythm, 6 channels + 1 rhythm, 12 channels, 60 seconds
 1 channel, 5 minutes 1 channel and beat report
 2.5, 5, 10, 20, auto(I-aVF: 10, V1-V6: 5) mm/mV
 Sensitivity: 12.5, 25, 50 mm/s
 Printing speed: 500 samples/sec
 Sampling rate: AC (50/60 Hz, -20dB or better)
 Filters: Muscle (25~35 Hz, -3dB or better)
 Base line drift (0.1 Hz, -3dB or better)
 Low pass filter: off, 40 Hz, 100 Hz, 150 Hz
 Display: 7" color TFT LCD display (800x480), 12 channels
 preview ECG wave
 Monitor display: ID, date, sensitivity, speed, filter, form, rhythm lead
 User interface: Touch screen (alphanumeric and symbol available),
 Keyboard, rotary push-knob (pop-up menu)
 Patient data: ID, name, age, sex, height, weight, smoke, race
 Basic measurement: Heart rate, PR int, QRS dur, QT/QTc, P-R-T axis
 Recorder: Thermal print head, roll paper
 A4 report paper: 210x300 mm (8.5"x11")

Electrical:

Resolution: vertical: 8 dot/mm
 horizontal: 16 dot/mm
 Internal noise: 20 μ V (p-p) max
 Input circuit: floating input
 Input impedance: ≥ 10 M Ω
 Input voltage range: $\geq \pm 5$ mV
 Common mode rejection: > 100 dB
 DC offset voltage: $\geq \pm 300$ mV
 Time constant: 3.2 sec
 Patient leakage current: < 10 μ A
 Frequency response: 0.05 ~ 150 Hz
 Isolated and defibrillation protected
 Signal quality control: Disconnected lead detection
 Pacemaker pulse detection
 ECG data storage: storage for 120 ECGs (Internal on flash memory)
 Power: AC 95~240 VAC, 50/60 Hz or built-in battery (option)
 1.0~0.5 A, 60 W max
 Battery (Ni-MH): 1 hour of normal use (approx. 100 ECG printouts)
 Communication: PC connection with RS232 interface and LAN
 Safety conformity: Class I, Type BF, CE, CSA, FDA, KFDA, SFDA, CCC

AUDIOLITE DIAGNOSTIC AUDIOMETER

- **33680 AUDIOLITE DIAGNOSTIC AUDIOMETER - 1 channel**
air + bone conduction + masking

AudioLite, simply complete

Complete diagnostic audiometer with air-bone-speech masking tests in a stylish design.

A top-quality portable product, lightweight and compact as small as an A4 sheet.

This audiometer is controlled by an internal microprocessor, and has no mechanical parts subject to wear and tear.

AudioLite's built-in display shows audiograms and the intensity and frequency parameters used in tests.

Attenuator and frequency knobs operate also as push-buttons to allow right/left commutation or to store threshold values.

Ergonomic research has developed a special touchscreen pulse tone switch to avoid any potential disturbing noise caused by mechanical parts. Supplied in a carrying case.

Manual in English, Italian and Spanish.

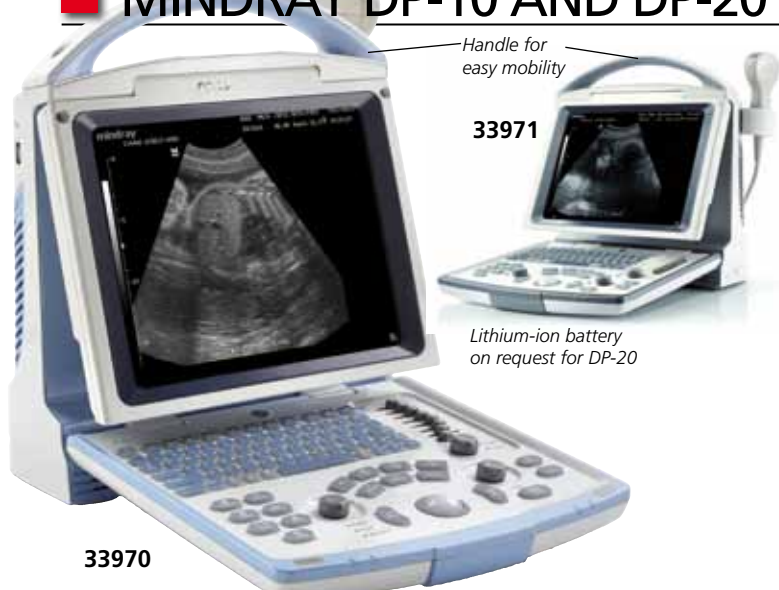


33680

TECHNICAL SPECIFICATIONS

Tests	Air Conduction, Bone Conduction, contralateral Masking Nbn, Wn, Speech	Maximum output speech test	AC 95 dB HL - BC 60 dB HL
Transducer Air Conduction	TDH49 / ER -3A / ER-5A	Intensity range masking Wn	0 dB EM ... +80 dB EM
Transducer Bone Conduction	bone vibrator B.71	Signal mode	normal ON, normal OFF, pulsed (2.5 Hz, 50%, 200+200 mS), masking with tracking
Pure tone frequency	AC: 125 Hz - 8,000 Hz BC: 250 Hz - 6,000 Hz	External input	socket USB type A to connect pendrive, input CD external
Intensity range pure tone	AC: -10 dB HL ... +110 dB HL (1,000 Hz) BC: -10 dB HL ... +65 dB HL (1,000 Hz)	Norm	EN 60645-1, EN 60645-2
Intensity range masking Nbn	0 dB EM ... +80 dB EM		

MINDRAY DP-10 AND DP-20 DIGITAL ULTRASOUND SYSTEM



DP-10 slim and smart

Good image quality, easy to use and lightweight to take it anywhere. It combines fashionable design, diagnostic confidence and economy.

DP-20 exceeds your expectations

Smart portable B/W ultrasound system with advanced features

Display modes and imaging processing:

Broadband, multi-frequency imaging: B, B/B, 4B, B/M, M

Imaging processing:

- multi-frequency probes for 2D imaging modes - DP-10 only
- Tissue Harmonic Imaging - DP-20 only
- TSI (Tissue Specific Imaging) - DP-20 only
- image zooming

User interface

- alphanumeric QWERTY keyboard with backlight
- trackball: speed presettable
- 8-segment TGC
- user defined blank keys: shortcut for easy access to menus

iStation™ intelligent workflow (DP-20 only)

Intelligent patient data management system

- integrated search engine for patient data
- detailed patient information review
- intelligent data backup/restore
- patient data/image sending, data deleting
- exam managing: activate exam

Storage/review mode:

- image archive on hard disk and USB mobile storage medium, temporary saving in cine memory (DP-10 only)
- 320G integrated hard disk (DP-20 only)
- 2 USB ports
- multiple image formats: BMP, JPG, DCM, FRM, AVI (DP-20 only), DCM, CIN
- iVision: demo player
- Cine review: auto, manual (auto review segment can be set), supports linked cine review for 2D, M images (DP-20 only)
- Cine memory capacity (max.)
- B mode: 1528 frames (DP-20), 128 frames (DP-10)
- M mode: 80.6 s (DP-20), 12.4 s (DP-10)

TECHNICAL SPECIFICATIONS

Dimension and weight: 16x29xh 35.4 cm (6.3"x11.4"xh 13.9"); 5.5 kg
 Display: 12.1" LED, high-resolution 1024x768
 Display language: DP-10: GB DP-20: GB, FR, DE, IT, ES, PT, RU
 Power: AC100-240 V, 50-60 Hz
 Rechargeable lithium-ion battery (DP-20 only) - on request

GIMA code	DIGITAL ULTRASONIC DIAGNOSTIC IMAGING SYSTEM													
33970	MINDRAY DP-10 B/W system with 1-probe connector, 12.1" high resolution LED monitor, 2 USB port, 1 VGA OUT port, 1 video OUT, 1 S-Video OUT, software, without probe													
33971	MINDRAY DP-20 portable B/W system with 1-probe connector, 12.1" high resolution LED monitor, 2 USB port, THI, iStation™, software package, without probe													
ACCESSORIES														
33974	Lithium-ion rechargeable battery (for DP-20 only)													
33985	Carrying bag for DP-10, DP-20, DP-30													
33986	UMT-110 mobile trolley for DP-10, DP-20, DP-30													
33697	SONY PRINTER UP-897 MD													
PROBES DP-10 - DP-20					FREQUENCY (MHZ)		● Main application							
GIMA code	Mindray code	Scanning method	Main freq.	Probe band width	ABDOMINAL	OB / GYN	UROLOGY	SMALL PARTS	CARDIOLOGY	MSK	VASCULAR	PEDIATRIC	ORTHOPEDICS	INTRAOPERATIVE
33976	35C50EB	Convex	3.5	2.0 - 5.0	●	●	●					●		
33977	75L38EB	Linear	7.5	5.0 - 10.0	●	●		●		●	●	●		
33978	65C15EA	Convex	6.5	5.0 - 8.5	●				●			●		
33979	65EC10EB	Micro-convex	6.5	5.0 - 8.5			●	●						
33980	35C20EA	Micro-convex	3.5	2.0 - 5.0	●	●	●					●		
33983	75L53EA	Linear*	7.5	5.0 - 8.5	●			●		●	●	●		

*For DP-20 only

MINDRAY DP-50 DIGITAL ULTRASOUND DIAGNOSTIC SYSTEM



• 33973 MINDRAY DP-50 PORTABLE ULTRASOUND with 15" high resolution LCD monitor, 2 probe connectors, 320G hard disk, 4 USB ports, multiple software package, without probes.

Imaging mode: B, B/B, 4B, B/M, M

Image processing technology:

- phase Shift Harmonic Imaging - Tissue Harmonic Imaging
- iBeam™ Spatial Compound Imaging
- iClear™ Adaptive Speckle Suppression Imaging
- iTouch™ Auto Optimization - trapezoid imaging
- iZoom™ Automatically expand the image to full screen
- slant scanning for linear probes (2D Steer)

Wideband multifrequency probes: continuously adjustable 2-14 MHz

Intelligent Workflow/Storage/Review:

- iStation™ Intelligent patient data management system
- 320G integrated hard disk for storage - 4 USB ports
- Cine memory capacity (Max.) B mode: 10566 frames
- M mode: 66.3 s

• 33975 LITHIUM-ION RECHARGEABLE BATTERY for DP-50

• 33987 CARRYING BAG for DP-50

• 33988 UMT-150 TROLLEY for DP-50

• 33697 SONY PRINTER UP-897 MD

TECHNICAL SPECIFICATIONS

Size and weight: 19x41.5xh 37.8 cm (7.5"x16.3"xh 14.9"); 7.7 kg (17 lb)
 Display: 15" LCD
 Display language: GB, FR, IT, ES, PT, RU, PL, CZ, TR, FI, DK, NO, SE,
 Power: AC 100-240 V - 50/60 Hz
 rechargeable lithium-ion battery - on request

PROBES DP-50			FREQUENCY (MHz)		● Main application								
GIMA code	Mindray code	Scanning method	Main freq.	Probe band width	ABDOMINAL	OB / GYN	UROLOGY	SMALL PARTS	CARDIOLOGY	MSK	VASCULAR	PEDIATRIC	PROSTATE
33982	35C50EA	Convex	3.5	2.0 - 5.0	•	•	•	•	•	•	•	•	•
33983	75L53EA	Linear	7.5	5.0 - 10.0	•	•	•	•	•	•	•	•	•
33978	65C15EA	Convex	6.5	5.0 - 8.5	•	•	•	•	•	•	•	•	•
33984	65EC10EA	Micro-convex	6.5	5.0 - 8.5	•	•	•	•	•	•	•	•	•

■ SONOTOUCH™ 10.4" - TOUCH ULTRASOUND B/W OR COLOUR

- 33920 SONOTOUCH™ 10 - B/W
 - 33921 SONOTOUCH™ 20 - colour
- Lightweight, portable, small size, touchscreen ultrasound devices.

Main features:

- display mode: B, B/B, 4B, B/M, M and Colour mode (only 33921). In the M or B/M mode, 4 steps sweep speeds.
- multi-step display magnification, depth enhancement
- setting adjustment of total gain, and 8 segments of TGC slides for selection and adjustment
- multifocal firing focus, edge enhancement, frame averaging, compound
- image freezing and storage function, built-in 4 GB (33920), 16 GB (33921) high-speed memory and external USB memory disk can be connected to the system for mass storage through USB port. Stored images can be retrieved for analysis.
- 256 frames of real-time images can be stored in Cine-memory
- probe scanning direction can be changed and the image can be reversed in left/right, up/down direction
- measurements of distance, area, circumference, volume, OB etc. Automatic calculation of OB and cardiology. Direct display of gestation age, expected date of child delivery and direct measure of heart rate
- real-time clock displays date and time automatically
- display of body marks with corresponding probe position indication
- annotation function in image area of the screen. Special annotation terms for different exam-mode can be added according to user's requirement
- battery operated, battery life up to 2.5 hours



Button free screen and waterproof front panel

Select your applications from visual icons



Refine the image with easy, touch driven TGG, focus and depth

Take measure with your fingers, no trackball (accuracy 1 mm)

Adjustable angle stand converts into carrying handle

33922

33923

33924

33925

33926

PROBES		FREQUENCY (MHz)		Main application						
GIMA code	Scanning Method	Main freq.	Probe band width	ABDOMINAL	OB/GYN	UROLOGY	CARDIOLOGY	VASCULAR	SMALL PARTS	MSK
33922	CONVEX	3.5	2.5 - 5.0	●	●	●				
33923	LINEAR	7.5	5.0 - 10.0					●	●	●
33924	MICRO-CONVEX	3.0	2.5 - 5.0	●	●		●			
33925	PHASED ARRAY	3.0	2.5 - 4.0	●			●			
33926	TRANSVAGINAL	6.0	4.0 - 7.5		●	●				

■ UP 7000 MULTI-PARAMETER PATIENT MONITOR



• 35145 MULTI-PARAMETER PATIENT MONITOR

ECG, RESP, SpO₂, 2 TEMP, PR

- 12.1" high resolution colour TFT display
- 3 channel ECG amplification
- arrhythmia analysis and ST segment analysis
- up to 800 groups parameter data & 24-hour ECG waveform storage and recall
- 480-hour graphic and tabular trends for all parameters
- 7 trace ECG waveforms simultaneous display
- protection against interference from defibrillator
- adult/pediatric measurement modes
- visual and audible alarms
- built-in rechargeable battery
- built-in thermal printer

GIMA code	ACCESSORIES AND SPARES
35135	Adult SpO ₂ probe
35136	Pediatric SpO ₂ probe
35137	ECG cable
35139	NIBP cuff - adult
35140	NIBP cuff - pediatric
35126	Lead acid rechargeable battery - spare
35141	Paper 5.1 cm x 12 m - box of 25
35150	Trolley

STANDARD ACCESSORIES

- Adult SpO₂ probe
- NIBP adult cuff
- Temperature probe
- ECG cable
- Re-chargeable battery
- Printer
- Power supply cable
- Disposable electrode
- Dust-protective mantle
- Manual (English, Italian)

TECHNICAL SPECIFICATIONS

NIBP Monitoring	
Measuring method:	Oscillometric
Measuring range:	Systolic pressure: 40~255mmHg
	Diastolic pressure: 10~220mmHg
	Mean arterial pressure: 20~215mmHg
	adult: 40~200mmHg
	pediatric: 10~110mmHg
TEMP Monitoring	
Measuring range:	25.0°C~45.0°C ±0.2°C
Response time:	≤ 150 sec
SpO₂ & Pulse Rate Monitoring	
SpO ₂ measuring range:	35%~100%
PR measuring range:	30bpm~240bpm ±2bpm
ECG Monitoring	
Heart rate measurement:	±0.4mVp~±5mVp
Heart rate display range:	20bpm~250bpm
RESP Monitoring	
Measuring method:	Thoracic impedance
Monitoring range:	0rpm~120rpm,
Monitoring accuracy:	±5% or ±2rpm whichever is greater
Other Technical Specifications	
Power supply:	100~250Vac, 50/60Hz
Power consumption:	<80 VA
Display mode:	12.1 inches TFT color LCD
Alarming mode:	Audible-visual alarm
Networking por	Ethernet port

■ NONIN GO2 OXIMETER



NONIN

Back light display

2400 tests performed with one AAA battery (21 hours continued use)



CE 0123

- **35080 NONIN GO2 PULSE OXIMETER - 9570** GO2 are manufactured to the same technical specifications and technology used in NONIN professional oximeters, but are dedicated to consumers

for people suffering from shortness of breath, fatigue or limited activities.

- highly resistant: it is tested to resist 25 times to fall down from 1 meter, to liquids and to continuative use
- patient oriented display
- finger size range from pediatrics to adult
- easy to read perfusion indicator
- 5 language manual: GB, FR, IT, DE, ES

TECHNICAL SPECIFICATIONS

Saturation range: 0-100% ± 2 digit (70-100%)
Pulse rate range: 18-321 bpm ± 3 digit (20-250 bpm)

■ NONIN ONYX® VANTAGE 9590



Large Bright LED Display
SpO₂ and pulse rate can be read from any angle, day or night

The original all-in one digital fingertip pulse oximeter™

NONIN



CE 0123

- **35085 NONIN ONYX® VANTAGE 9590 PULSE OXIMETER**

The Onyx is the only finger pulse oximeter with scientifically proven accuracy in motion and low perfusion, and it is tested for use on fingers, thumbs, or toes.

- **Accurate** - Scientifically proven performance in the widest range of patient populations and settings
- **Durable** - Protects against dropping and water spills; allows for thousands of uses in the most demanding environments and exceed IP32 water

ingress testing

- **Efficient** - Up to 6000 spot checks or 36 hours of continual operation on two AAA batteries
- **Safe** - Built in the USA with lead-free and latex-free construction
- **Versatile** - One unit works on the widest range of patients from pediatric to larger adult patients. Accommodates a wide range of digit thicknesses from 8 mm to 25.4 mm
- **Warranted** - Industry-leading 4-year warranty
- **Cost Effective** - Proven accuracy, quality and durability make the Onyx Vantage a smart purchase for the long term

TECHNICAL SPECIFICATIONS

Pulse rate range:	18-321 bpm	± 3 digit (20-250 bpm)
SpO ₂ range:	0-100%	± 2 digit (70-100%)
Low perfusion SpO ₂ :	70-100%	± 2 digit
Low perfusion pulse rate:	40-240 bpm	± 3 digit

■ OXY-3 OXIMETER

DUAL COLOUR
OLED DISPLAY



35090

CE 2179
FDA

- **35090 OXY-3 OXIMETER**

Easy to use pocket device, measures oxygen level and pulse rate.

Main features:

- simple operation, small & lightweight design, portable
- low power consumption
- display SpO₂, SpO₂ waveform, PR, Pulse bar
- 2 AAA alkaline batteries included
- low battery indication, auto power off
- accommodates widest range of finger sizes from pediatric to adult
- soft silicone padding, strong slip
- resistant clip, non-invasive, no pricking
- 4 direction display
- packed in blister
- user manual in English, Italian, Spanish, French

■ OXY-10 OXIMETER - WIRELESS

CE 0123



OLED
COLOUR
DISPLAY



- **35095 OXY-10 FINGERTIP MULTIFUNCTION OXIMETER**

Professional oximeter to monitor pulse oxygen saturation and pulse rate through patient's finger (adult, child, neonate).

- wireless technology, with effective transmission to PC/mobile phone and tablets

List-Group">

- external pediatric SpO₂ probes available in 3 sizes for pediatric and neonatal use

List-Group">

- large true colour OLED display
- SpO₂, PR, Pulse bar, P.I. and plethysmogram

List-Group">

- audible and visible alarms with high and low alarm limits adjustable by user
- patient oriented display with automatic change of 4 directions
- accuracy from the first reading in a few seconds
- extra stability against motion during measurement

List-Group">

- 9 languages manual (English, French, Italian, German, Spanish, Greek, Portuguese, Polish, Arabic)

Supplied in nylon bag with batteries

List-Group">

- **35096 PEDIATRIC CLIP PROBE - reusable**
- **35097 PEDIATRIC RUBBER PROBE - reusable**
- **35098 NEONATAL PROBE - disposable**

TECHNICAL SPECIFICATIONS

	RANGE	ACCURACY
Pulse rate:	30-240 bpm	± 2 bpm or 2%
SpO ₂ :	70%-100%	$\pm 3\%$
Perfusion index (PI):	0.2-20%	
Alarm: SpO ₂ : 85-99%		
Pulse rate: high	100-240 bpm	
low	30-60 bpm	
Power:	2xLR03 (AAA) Alkaline batteries 3.0 VDC	
Size:	60x33x30 mm	
Weight:	35 g	

EXTERNAL PEDIATRIC - NEONATAL PROBES

35098

Neonatal disposable probe



35096

Pediatric clip reusable probe



35097

Pediatric rubber reusable probe

35096

PRIMEDIC™ DefiMonitor XD - PROFESSIONAL DEFIBRILLATORS

DEFIMONITOR XD

The sophisticated high performance instrument with multifunctional features. It combines a compact design, tried and trusted in practice with the highest possible degree of safety and simple handling. Range of 8 manual (XD1, XD3, XD10, XD30) or manual + AED (XD100, XD300, XD110, XD330) defibrillators with or without SpO₂ and external pacer.

Supplied with adult/pediatric paddles, disposable adult Save Pads, ECG cable, power cable, 1 tube gel, 1 paper roll.

Standard software: GB, FR, DE, IT, ES, PT, TR, CN.

Manual: GB, IT (on request DE, ES, PT, FR, TR, CN).

Other softwares and manuals available on request:

CZ, FI, HU, RO, NL, NO, PL, RU, SE, SL, AE, BR, CN, IR, JP, KR, TH, USA.

Size: 25x28x9 cm

Made in Germany



GIMA code	DefiMonitors XD
35370	DefiMonitor XD1 manual
35371	DefiMonitor XD3 manual with SpO ₂
35372	DefiMonitor XD10 manual with pacer
35373	DefiMonitor XD30 manual with SpO ₂ + pacer
35374	DefiMonitor XD100 manual + AED
35375	DefiMonitor XD300 manual + AED with SpO ₂
35376	DefiMonitor XD110 manual + AED with pacer
35377	DefiMonitor XD330 manual + AED with SpO ₂ + pacer

GIMA code	Accessories for DefiMonitors
35380	SAVE PADS GB, IT, ES (require connecting cable 35384)
35383	SAVE PADS other languages (require connecting cable 35384)
35384	Connect cable for SAVE PADS 35380/3
33400	AKuPak LITE rechargeable battery
35386	Charge base for 33400
35387	Paper roll 58 mm x25 m - box of 10
35388	DefiMonitor carrying bag with shoulder strap

TECHNICAL SPECIFICATIONS

	XD1	XD3	XD10	XD30	XD100	XD300	XD110	XD330		XD1	XD3	XD10	XD30	XD100	XD300	XD110	XD330
Defibrillation																	
Wave: biphasic, current controlled impulse	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Energy (automatic mode) 140-360 J	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Manual energy stages: 5J, 10J, 20J, 30J, 50J, 100J, 200J, 300J, 360J	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Charging time: < 6 sec for 200 J	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Cardio version: manual activation, QRS marker	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
ECG																	
Derivation: Eindhoven I, II, III	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Goldberger, aVR, aVF, aVL	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Patient's resistance: 23-200 Ohm	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Heart rate: 30-300 per min	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
VF: recognition																	
VF recognition	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Analysis time 7-12 sec	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
VF threshold 200 µV	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Asystole threshold < 200 µV	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Artefact, Pacemaker detection	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Pulse Oximeter																	
Nellcor Oximax	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Pacer																	
Trans thoracic heart pacemaker	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Modes: fix, demand, overdrive	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Thermal printer																	
Resolution: 200 dpi	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Advance: 25 mm/s, 50 mm/s	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
TFT LCD blue-mode monitor																	
115x86 mm (diagonal 4.7"/120 mm)	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
320x240 pixels	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Electrodes																	
Adhesive electrodes, 3 years shelf life	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Cable length 3.5 m Save pads connect	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Data backup																	
Removable memory 512 MB	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Data/Voice recording > 90 h	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Data/Voice recording > 75 h	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Power supply																	
Voltage 90-264 V, 50/60 Hz	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Rechargeable Lithium-ion battery (LiFePO₄):																	
Capacity 2.5 Ah Voltage: 14.4 V	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Discharges 150-200 J	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Monitoring 5 h Charging time: 2.5 h	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Resuscitation guidelines																	
Selectable AHA/ERC	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Standards																	
IEC60601-1:1988+A1:1991+A2:1995	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
(Electrical Safety of Med. Electrical Devices)	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
IEC60601-1-2:2001 (Electromagnetic compatibility)	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
IEC60601-1-4:1996+A1:1999	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
(Programmable electrical medical systems)	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
IEC60601-2-4:2002 (Defibrillators)	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
EN1789:2003 (Ambulance standard)	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•
Protection class IP33	•	•	•	•	•	•	•	•		•	•	•	•	•	•	•	•

PALM SAT® 2500A NONIN PULSE OXIMETER

• 35086 PALM SAT 2500®A PULSE OXIMETER with rubber reusable adult probe and alarm.

A compact versatile and reliable pulsoximeter designed and tested to exceed all durability requirements.

Main features:

- PureSat® technology offers accuracy & speed in getting a reading, even with varying skin pigmentations or polish and is able to monitor, with declared accuracy in challenging conditions, such as motion & low perfusion, for all patients
- it is tested to assure performance in challenging conditions, such as drop and liquid ingress (IPX2). Granted by US Army/Air Force Aeromedical certification

It also features:

- audible and visual alarms
- 72 hours memory
- longest alkaline battery life: 60 hours

Supplied with multilanguage cd-rom manual: GB, FR, IT, DE, ES.

TECHNICAL SPECIFICATIONS

SpO ₂ range:	0% to 100% ±2 (70-100% without movement)
Pulse rate range:	18 to 321 bpm ±3 (18-300% without movement)
Power:	4AA alkaline batteries 1.5 V (for 60 hours use)
Size:	7x13.8x3.2 cm
Weight:	213 g

GIMA code	ACCESSORIES SAT 2500
35087	Adult reusable rubber probe (12.5-25.5 mm) - 1 m cable
35088	Pediatric reusable rubber probe (10-19 mm) - 1 m cable



Bright LED display of SpO₂ and pulse rate

Audible and visible alarms

Tricolour signal quality indicator

Blinking alarm silence indicator
Low battery indicator

Easy 2 button operation

Rugged rubberized case with IPX 2 level of liquid ingress protection



■ iPad CU-SP1 INTELLIGENT PUBLIC ACCESS DEFIBRILLATOR

CU-SP1 is the last generation of intelligent public access defibrillators with innovative features:

- Auto volume adjustment

It detects the ambient noise and automatically adjusts the volume of its prompts to make them audible over the background noise.

- Smart pads - intelligent storage

The pre-connected "Smart" electrode pads are stored in an easy access compartment on the underside of the unit.

This ensures that the iPad SP1 is always ready to be used in the shortest time possible. In addition, the visual frontal indicator shows if the connected pads are within their life expectancy.

The indicator will change when the pads have only 3 months life left before their expiry date giving you time to arrange for replacements. The indicator will change again when the expiry date is reached.

- CPR detection

CPR is vital to ensure that the casualty has the best chances of survival.

The iPad CU-SP1 detects if CPR is being performed with appropriate prompts, if not encourages the responder to perform it.

- Easy communication with CU-EX1 software

Installing CU-EX1 software onto a computer allows you to see and analyze the usage history of the unit. Information such as time of "power on", the casualty's heart rhythm and shocks delivered are all clearly presented.

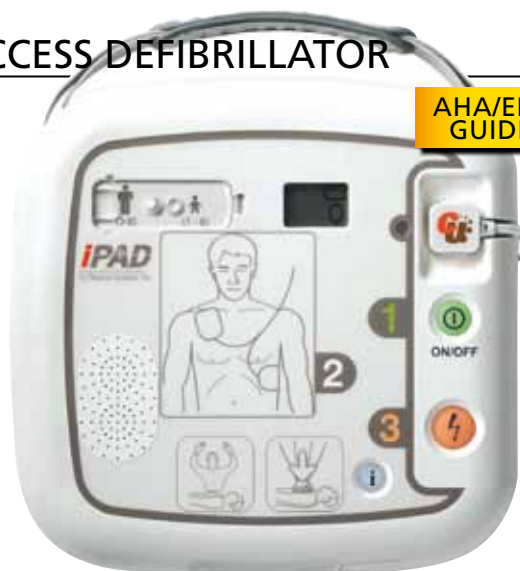
The iPad CU-SP1 can store up to 5 events with up to 3 hours of ECG analysis on an SD memory card.

- 16 languages available (to be indicated with order)

Selectable languages: US, GB, FR, IT, ES, DE, PT, NL, SE, DK, NO, CZ, GR, AE, KR, IL.

Supplied with adult SAVE PADS, carrying bag, disposable lithium battery pack and manual (GB, IT).

Manual available also in above languages, if requested with order.



AHA/ERC 2010
GUIDELINES

TECHNICAL SPECIFICATIONS

Defibrillator

Operating mode: Semi-automatic
Waveform: e-cube biphasic (Truncated exponential type)
Energy: 200J fixed

Adult: nominal 150J at 50 ohm load
Infant/child: nominal 50 joules at 50 ohm
Charge control: controlled by automated patient analysis system
Charging time: within 10 seconds since voice instruction "an electric shock is needed"

Sealing: waterjet proof IPX5 per IEC60529 (IP55)
dust protected IP5X per IEC60529

User interface

User support: detailed voice prompts and flashing indicators
CPR guidance: voice prompts for how to perform CPR for adult and child
Controls: on/off button, "i" button, shock button
Indicator: LCD display (Device status, Battery status, Pads status)
Sensing: pads expiry date, Pads connection status

CPR Monitoring

Automatic Volume adjustment

Data recording and transmission

IrDA port: wireless transmission of event data to PC, SD Card
Internal Memory (Nand-flash): ECG, Event
Storage capacity: multi recording 5 events / Max 3 hours
Data review PC Programme: CU-EX1

Patient analysis system

Patient Analysis: Shockable Rhythms - Ventricular Fibrillation, Tachycardia
Sensitivity/Specificity: Meets AAMI DF80 Guideline

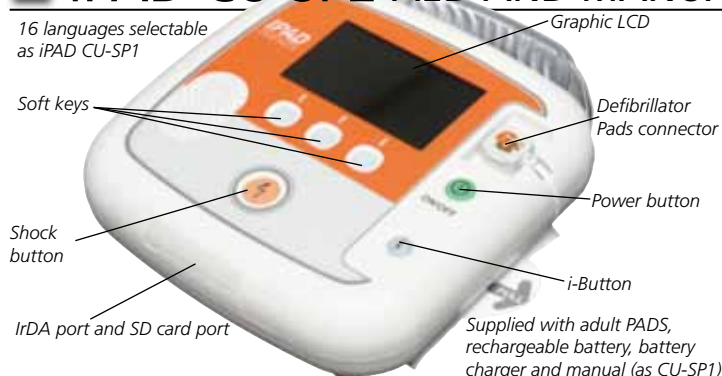
Battery

Standard: Type: DC 12 Volt 4.2 Ah, Lithium manganese dioxide
Capacity: Minimum 200 shocks (150J)

GIMA code	iPAD CU-SP1 DEFIBRILLATOR
35340	iPad CU-SP1 defibrillator
ACCESSORIES FOR CU-SP1	
35344	Adult PADS - kit of 2 pcs - disposable
35345	Pediatric PADS - kit of 2 pcs - disposable
35346	Disposable lithium battery LiMnO ₂ high capacity 4.2 Ah
35348	Wall cabinet
35349	IrDA communication connector+ software for event recording download

■ iPad CU-SP2 AED AND MANUAL DEFIBRILLATOR

16 languages selectable
as iPad CU-SP1



TECHNICAL SPECIFICATIONS

Defibrillator

Operating mode: Semi-automatic
Waveform: e-cube biphasic (Truncated exponential type)
Energy: AED mode: 150/200J fixed or 150-200J energy
Manual mode: 2-200J, R-Sync

Charging time: within 10 seconds
Charging time after CPR finished: at least 6 seconds
Sealing: waterjet proof IPX5 per IEC60529 (IP55)
dust protected IP5X per IEC60529

User interface

User support: detailed voice and text prompts
CPR guidance: voice prompts for how to perform CPR for adult and child
Controls: on/off button, "i" button, shock button, soft keys
Indicator: graphic LCD display (Device status, user's guide, ECG, heart rate,)
Sensing: pads expiry date, Pads connection status

CPR Monitoring

ECG Monitoring

Automatic Volume adjustment

Data recording and transmission

IrDA port: wireless transmission of event data to PC, SD Card
Internal Memory (Nand-flash): ECG, Event
Storage capacity: multi recording 3 events / Max 17 hours for each event
Bluetooth: communication with the printer
Data review PC Programme: CU-EX1

Patient analysis system

Patient Analysis: Shockable Rhythms (Ventricular Fibrillation, Tachycardia)
Sensitivity/Specificity: meets AAMI DF80 Guideline

Battery

Standard: Type: DC 12 Volt 1.9 Ah, Li-ion rechargeable
Capacity: Minimum 70 shocks or 3 hours of operation

GIMA code	iPAD CU-SP2 DEFIBRILLATOR
35341	iPad CU-SP2 defibrillator
ACCESSORIES FOR CU-SP1	
35344	Adult PADS - kit of 2 pcs - disposable
35345	Pediatric PADS - kit of 2 pcs - disposable
35347	Rechargeable 12 V, 1.9 Ah Li-ion battery
35348	Wall cabinet
35349	IrDA communication connector+ software for event recording download