3M LITTMANN® STETHO

3M LITTMANN® CLASSIC II - infant/ped.
Suitable for small and very small animals.
3M LITTMANN® CLASSIC III and CARDIOLOGY IV
Suitable for medium and big animals.
See page 283-287

A wide variety of models with optimal sound transmission and excellent acoustics to meet veterinary needs.

VET PRODUCTS

CLOGS
See page 35-36

TOURNIQUETS
See page 76

SCALPELS and BLADES
See page 61-62

THERMOMETERS
See page 98-102

VET BAGS
See page 77-80

TROLLEYS
See page 146-161

BANDAGES, GAUZES, PLASTERS
See page 401-409

ECOLAB INCIDIN™ DISINFECTANTS
See page 421

BIOPSY PUNCHES

BIOPSY PUNCHES DERMAL CURETTES
See page 64.

SUTURES

SUTURES AND SKIN STAPLER DEVICE
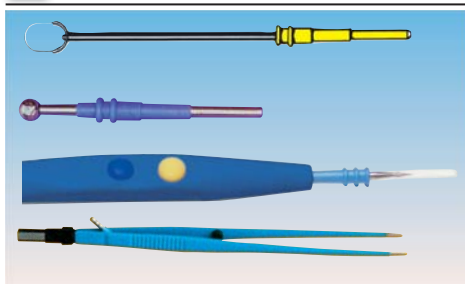See page 55-60.

PILL MANAGERS

PILL PULVERIZERS
See page 103-105.

SUCTION UNITS

SUCTION UNITS
See page 201-205.

ELECTROSURGERY

ELECTROSURGERY ACCESSORIES
See page 229-236.

HEADLIGHTS

HEADLIGHTS
See page 239-242.

EXAMINATION LIGHTS

EXAMINATION LIGHTS
See page 243-250.

VET ULTRASOUND

SONOEYE ULTRASOUND SYSTEM
See page 343.

COHESIVE BANDAGES

BANDAGES, GAUZES, PLASTERS
See page 401-409.

SURGEON BRUSHES

SCRUB KIT: CHLOREXIDINA SCRUB KIT IODO-POVIDONE SCRUB KIT
See page 420.

VETERINARY STAINLESS STEEL INSTRUMENTS

FORCEPS

• **80000** Durante forceps - 15 cm
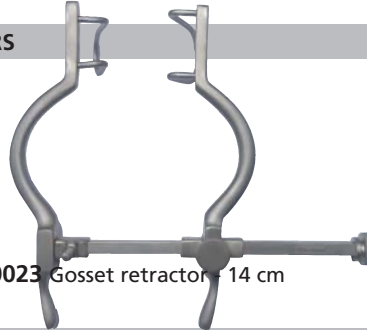
• **80001** Terza Palpebra forceps - 11 cm

80002

• **80002** Long Hartmann micro - 14.5 cm
• **80003** Vet Hartmann forceps with thin tips - 12 cm

RETRACTORS

• **80020** Gelpi retractor - 13 cm
• **80021** Gelpi retractor - 15 cm

• **80023** Gosset retractor - 14 cm

DISSECTION SCISSORS

• **80015** Stevens dissection scissors curved blunt/blunt - 11.5 cm

ORTHOPEDIC INSTRUMENTS - BONE FORCEPS AND ELEVATOR

• **80045** Beyer bone forceps - 18 cm

• **80047** Verbruge bone forceps - 24 cm

• **80050** Reductive bone forceps - 16 cm
• **80051** Reductive bone forceps - 18 cm
• **80052** Reductive bone forceps - 20 cm

• **80054** Hohmann elevator - 24 cm

• **80056** Volkmann bone spoon 17 cm - cutting 3-5 mm
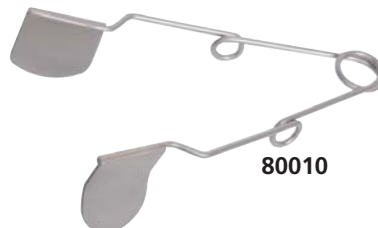• **80057** Volkmann bone spoon 17 cm - cutting 6-9 mm

• **80059** Kirschner nails - 19 cm - kit of 5 (Ø 1, 1.5, 2, 2.5, 3 mm)

DENTAL INSTRUMENTS FOR SMALL ANIMALS

80007

• **80005** Mouth opener - 7 cm
• **80006** Mouth opener - 11 cm
• **80007** Mouth opener - 15 cm

80010

• **80010** Rodent mouth opener - 6 cm
• **80011** Rodent mouth opener - 8.5 cm

• **80012** Extraction curved forceps for small animals - 16 cm

ANIMAL CARE INSTRUMENTS

• **80025** Cutter for nails for cats and dogs

• **80027** Nipper for nails for cats and dogs

• **80029** Pedicure file for small animals

• **80031** Combs for cat/dog

CASTRATION INSTRUMENTS

• **80035** Hook for cats' castration

• **80036** Burdizzo castrator forceps - 22 cm

OPHTHALMOLOGY INSTRUMENTS

20 mm

• **80040** Castroviejo caliper - 8.6 cm

Multilingual instructions: GB, FR, IT, ES, PT, DE, GR, Arabic

DIGITAL PET SCALES FOR LARGE AND SMALL ANIMALS

SOEHNLE

27258

27259

• 80220 SOEHNLE 6858 VETERINARY SCALE
Digital vet scale with large and flat stainless steel weighing platform. Designed for small and medium-sized animals. Quick and easy operation. Easy to read LCD display with 25 mm high digits and aluminium housing. Auto-off function. Hold function and taring function. Supplied with rubber mat and multilingual manual: GB, FR, IT, DE.

TECHNICAL SPECIFICATIONS			
Capacity:	200 kg	Sensitivity:	50 g
Display:	25 mm backlit LCD	Weighing units:	kg, lb, oz, lb.oz
Size:	platform 900x600xh 40 mm - indicator 215x100xh 70 mm		
Power supply:	DC 5V power supply (included) or 4x 1.5 V AA batteries (not included)		

SOEHNLE

MADE IN GERMANY

Taring functions switchable to kg/lb

• 27266 SOEHNLE 8320 FOLDABLE SCALE
• 27271 CARRYING BAG
Foldable scale with magnetic lock for easy transport.
Manual in DE, GB, FR, ES, IT, GR, CZ.

TECHNICAL SPECIFICATIONS		
Capacity: 15 kg	Sensitivity: 10 g	Weight: 1.9 kg
Dimensions: 395x315x105 mm (closed) - 740x315x53 mm (open)		
Alkaline battery 2x1.5V AAA - not included		Warranty: 2 years

• 27258 DIGITAL PET SCALE - medium
• 27259 DIGITAL PET SCALE - large

MADE IN EUROPE

Precise full electronic multifunctional scale, designed for measuring your pet's weight available in two sizes.
Quality product with very competitive price. Switchable kg, lb, st. Minimal measuring weight: 3 kg. Automatic switch-off.
Multilingual manual: GB, FR, IT, ES, PT, DE, PL, CZ, SE, FI, RO, GR, HR, BG.

TECHNICAL SPECIFICATIONS	
Capacity/Sensitivity:	100 kg / 100 g
Display:	LCD, 3"
Dimensions:	355x635 mm (27258) - 620x830 mm (27259)
Lithium battery:	included, CR2032, 3 V

Tray 530x290 mm

Overload and low battery indication

Lb/kg/st switchable by user

Tare and automatic hold functions

LCD display 25 mm

Multilingual manual: GB, FR, IT, ES, SE, FI, CZ, RO, GR, HR.

Automatic switch-off

• 27261 DIGITAL SMALL PET SCALE

TECHNICAL SPECIFICATIONS	
Capacity/Sensitivity:	20 kg / 5 g
Minimum measurable weight:	20 g
Tray size:	530x290 mm
Lithium battery:	CR2032, 3 V (not included)

DIAGNOSTIC AND OPERATION VETERINARY TABLES

Pack size: 121x15x90 cm
Size: 120x58xh 85 cm
Weight: 23 kg
Load: 60 kg

MADE IN ITALY

MADE IN ITALY

Size: 118x56xh 85/102
Weight: 48 kg
Max load: 90 kg

• 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.

• 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.

MD SCOPE VET VIDEO OTOSCOPE

• **32164 VET MD SCOPE VIDEO OTOSCOPE WITH 3 PROBES**
Instant View
A clear and sharp image can be acquired and displayed instantly on a built-in screen.
Just press a single button and wait for 3 seconds.
Real Time Interaction
The medical image can be captured and displayed simultaneously on TV monitor or downloaded to Mac/PC system.
Electronic medical record
A medical image is automatically generated to support most of the stand-alone health information system.
Probes and accessories at page 254.
• **32175 CRADLE**

TECHNICAL SPECIFICATIONS
2.4" colour LCD display
Video out port
Size/weight: 8x20 cm (2.5"x8") - 218 g
Battery lifespan: 4 hours

STANDARD ACCESSORIES
- 3 camera probes 75/150/300 mm
- image dongle
- cable set
- 2 AA alkaline batteries

32175

HEINE VET OTOSCOPE

• **80500 BETA OTOSCOPE SET 2.5 V - G-112.10.118**
Set complete with slit illumination head, 1 set long closed metal specula (57x4,65x6,90x7 mm), battery handle, 1 spare bulb, hard case.
• **31772 HEINE 077 OTOSCOPE BULB 2.5 V - spare**
• **31781 HEINE 069 OPHTHALMOSCOPE BULB 2.5 V - spare**

HEINE

80500

VET OTOSCOPES, OPHTHALMO AND DIAGNOSTIC SETS

31442

Open otoscope head is supplied with codes 31422, 31424, 31425

31429

31424

31422   **31425**

• **31442 PARKER VETERINARY OTOSCOPE**
Includes: kit of 3 reusable plastic cannulas (31447)

31447

31451   *Suitable for small animals*

62 mm x Ø 5.0 mm
68 mm x Ø 7.5 mm
83 mm x Ø 4.0 mm
82 mm x Ø 6.0 mm
92 mm x Ø 9.4 mm

31453   *For open otoscope head*

• **31424 XENON HALOGEN DIAGNOSTIC SET**
Includes: xenon halogen open otoscope head+handle, xenon-halogen ophtalmoscope head, kit of 5 reusable plastic cannulas (31451), metal tongue depressor holder illuminator, nasal specula.
Rechargeable battery handle 2.5 V
All sets have 2.5 V handle for use with 2xC batteries or rechargeable batteries (34467)

31426

Slit illumination head

Easy adjustable with finger clip

31454

• **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 ophtalmoscope 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	Chromed brass nasal specula 79 mm
31478	Xenon halogen otoscope bulb 2.5 V
31479	Xenon halogen ophthalmoscope bulb 2.5 V
31449	Standard otoscope bulb vacuum 2.5 V for 31442
31542	Charging station
34467	Rechargeable Li-ion battery 2.5 V / 3000 mAh
31429	Swivel lens 2X for Vet oto sets 31422, 31424, 31425
31426	Slit illumination head xenon/halogen for 31422, 31424, 31425

VETERINARY RI-SCOPE® OPERATION OTOSCOPE AND SETS

• **80480 RI-SCOPE® OPERATION VET OTOSCOPE HEAD 2.5V - 10541 needs 80488**
- swivel lens with 2.5 X fold magnification
- moveable, slotted speculum holder can be locked in any position
- open design for unhindered use during examination and operation
- bayonet fitting for fast and secure attachment to the handle
- all-metal operation otoscope for long service life
- fast exchange of lamp at the front of the otoscope

**80480+
80487+
80488**

• **80483 REUSABLE SPECULUM Ø 4 mm - 83 mm - 10881**
• **80485 REUSABLE SPECULUM Ø 6 mm - 82 mm - 10882**
• **80487 REUSABLE SPECULUM Ø 9.4 mm - 92 mm - 10884**
- high quality, made of chrome-plated, corrosion-free metal
- matt inner surfaces reduce the risk of reflections
- slotted model (80487 only): optimum instrument guide provided by special edges on opening
• **80488 HANDLE TYPE AA for 80480 - 10642**
Suitable for 2 AA batteries (not included)
RI-SCOPE® L OPHTHALMOSCOPE (only 80492, 80494)
- focusing wheel with corrective lenses from 0 to + 40 and 0 to - 35 diopters
- easy-to-operate aperture hand-wheel with semi-circle, small/medium/large circle fixation star, slit and red-free filter with contrast-enhancing effect
All sets supplied in glass-fiber reinforced and sturdy casing.

• **80490 VET HALOGEN OTOSCOPE 2.5V AA handle - 3853**
Ri-scope® operation otoscope
Metal specula, unslotted, sterilisable:
- Ø 4 mm, 83 mm long
- Ø 5 mm, 62 mm long
- Ø 6 mm, 82 mm long
Metal specula, slotted, sterilisable:
- Ø 7.5 mm, 68 mm long
- Ø 9.4 mm, 92 mm long
1 spare lamp
swivel lens with 2.5 X magnification

80490

• **80492 VET HALOGEN OTO-OPHTHALMOSCOPE SET 2.5V AA handle - 3861**
Ri-scope® operation otoscope, Ri-scope® L1 Ophthalmoscope
Metal specula, unslotted, sterilisable:
- Ø 4 mm, 83 mm long
- Ø 5 mm, 62 mm long
- Ø 6 mm, 82 mm long
Metal specula, slotted, sterilisable:
- Ø 7.5 mm, 68 mm long
- Ø 9.4 mm, 92 mm long
2 spare lamps
swivel lens with 2.5 X magnification

80492

• **80494 VET DELUXE OTO-OPHTHALMOSCOPE SET 2.5V AA handle - 3869**
Ri-scope® operation otoscope, Ri-scope® L1 ophthalmoscope
Ri-scope® L tongue depressor, Ri-scope® L nasal speculum
Metal specula, unslotted, sterilisable:
- Ø 4 mm, 83 mm long
- Ø 5 mm, 62 mm long
- Ø 6 mm, 82 mm long
Metal specula, slotted, sterilisable:
- Ø 7.5 mm, 68 mm long
- Ø 9.4 mm, 92 mm long
2 spare lamps
swivel lens with 2.5 X magnification

80494

DIGITAL THERMOMETER

80450

°C and °F display *Battery cover*

• **80450 VET DIGITAL THERMOMETER**
- flexible tip, waterproof
LCD size 15x7 mm
Multilingual box and manual: GB, FR, IT, ES, PT, GR.

TECHNICAL SPECIFICATIONS	
Measurement range:	32~42.9 °C
Accuracy:	± 0.1 °C
Dimension:	138x21x10 mm
Battery:	1.5V LR41
Measurement time:	60 sec.

VET STETHOSCOPE

90 CM LONG Y TUBE

• **32545 REGALITE VET - black**
Top quality single head stethoscope.
Chromed plated chestpiece with "SUPERFLEX" inner spring binaural and 1 piece moulded PVC, tubing 90 cm long.
Supplied in deluxe box, with spare soft eartips and one spare diaphragm.

CE

32545

DIGITAL THERMOMETER

• **25588 VET RECTAL THERMOMETER**
Designed to be ergonomically correct for animals.
Setting for pets, pigs, cattle and other animals.
Features:
- instant temperature in 16 seconds
-beeps indicator
-LCD display and memory
-automatic shut-off after 10 minutes
-display temperature in both Fahrenheit or Celsius scale
-reliable, safe and easy to use
Multilingual box and manual: GB, FR, IT, ES, PT, GR.

16 SECOND MEASUREMENT

25588

TECHNICAL SPECIFICATIONS	
Measurement range:	32~42.9°C (89.6-109.2 °F)
Accuracy:	± 0.1 °C (35~39°C)
Battery life is approx.	5,000 readouts
Dimension:	190x110x35 mm
Battery:	2x1.5V AAA
Measurement time:	16 sec.

VISIOFOCUS® VET - BLUETOOTH

• **80457 VISIOFOCUS® VET - Bluetooth**
VisioFocus Vet can measure body temperature of animals at a distance in few seconds without touching them. Thanks to the optical aiming system, temperature is taken from the eyes through a LED system that indicates the correct reading distance. The temperature can also be taken from rectum area, auricle or gum. Built-in cap protects from dust and dirt.
Automatic adjustment to the environments: the software automatically applies a correction factor according to ambient conditions, just leaving it for at least 3-5 minutes in the room. Alternatively you can run a manual calibration (**Manual Quick Calibration System, MQCS**) in only 3 seconds.
Suitable for all animals
Multipurpose: used to take also the temperature of objects, food, liquids or other surfaces.
Bluetooth system to connect with smartphone: VisioFocus Vet App helps to choose appropriate animal and record a large number of data.
Supplied with 4 AAA batteries.

80457

TECHNICAL SPECIFICATIONS	
Body measurement range:	32-43.5°C (89.6-110.3°F)
General measurements range:	1-80°C (33.8-176 °F)
Resolution (body - general):	0.1°C (0.1°F)
Dimension:	144x43.5x21.5 mm (5.66x1.71x0.85") including cap
Battery:	4 AAA - LR03
Battery life is approx.	3 years or 30,000 measurements
Measurement time:	immediate
Distance from the animal*:	about 6 cm (2.4 inches)

*Calculated by an optical aiming system

442

VET ELECTRONIC SPHYGMOMANOMETER AND SpO$_2$

• 80550 VET ELECTRONIC SPHYGMOMANOMETER
Electronic sphygmomanometer for automatic measurement of animals blood pressure. Large, high definition colour LCD display.
- data storage for up to 100 groups of data with date and time
- five cuff sizes: small, small/medium, medium, large, X-large
- automatic one-touch operation
- alarm function with possibility to set alarm limits
- dual scales: kPa and mmHg
- automatic power off
- optional SpO$_2$ probe with clip for tongue or ear
Poor results with small (poor signal) and restless (more artifact) animals.
Supplied with medium cuff (10-19 cm) and multilingual manual (GB, FR, IT, ES, PT)

80557

GIMA code	CUFFS	Size	Suitable for
80551	Small	6-11 cm	Cats, baby dogs,...
80552	Small/medium	10-19 cm	Small dogs, fox, sheep...
80553	Medium	18-26 cm	Baby horses and pigs, big dogs, deers
80554	Large	22-32 cm	Horses, pigs, puma, baby bears, lions
80555	X-Large	22-43 cm	Bears, lions, tigers
		ACCESSORIES	
80556	Power adaptor		
80557	SpO$_2$ probe - optional		
80558	Extension cable 1.5 m for 80557		

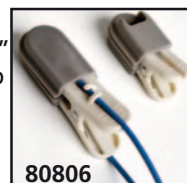| TECHNICAL SPECIFICATIONS	
Measurement method:	oscillometric
Measurement range:	0-39.6 kPa (0-297 mmHg)
Resolution:	mmHg
Accuracy: static pressure:	±0.4 kPa (±3 mmHg)
Inflation - Deflation:	automatic inflation - automatic multistep deflation
Display:	2.8" colour LCD screen
Power:	four "AA" batteries or optional power adapter
Safety:	class II device type BF applied part
Dimension - Weight:	130x110x80 mm - 300 g (without batteries)
SpO$_2$ - optional	
SpO$_2$ range:	0-100% (resolution 1%)
SpO$_2$ accuracy:	70%-100%: ± 2%
PR range:	30bpm-250bpm, (resolution 1bpm)
PR accuracy:	± 2bpm or ± 2% (select larger)

SP-20 HANDHELD VET PULSE OXIMETER

• 80805 SP-20 VET PULSE OXIMETER
SP-20 handheld pulse oximeter can simultaneously measure SpO$_2$ and Pulse Rate by placing sensor on tongue, ear, leg or tail. Colour TFT display shows plethysmogram, Perfusion Index and bar-graph.
- lightweight, small and easy to carry
- continuous monitoring
- up to 500 hours data storage for SpO$_2$ and PR
- data management software for analysis
- audible and visual alert function
- vertical and horizontal display
SP-20 pulse oximeter is supplied with universal "Y" type SpO$_2$ probe and 2 adapters: big and small clip for different measuring, orange rubber cover, charging base and user manual (GB, IT).
• 80806 UNIVERSAL "Y" TYPE SPO$_2$ PROBE - spare
includes 2 probes adapters (big clip and small clip).

80805

80806

TECHNICAL SPECIFICATIONS			
SpO$_2$ range:	1~100% ±2%	Display:	3.5" colour TFT display
Pulse rate range:	30~400 bpm ±2%	Size:	158x73x25 mm
Perfusion Index range:	0.2~20%	Net weight:	230 g
Power supply:	2000 mAh lithium battery		

OXY-50 HANDHELD VET PULSE OXIMETER

• 80800 OXY-50 VET PULSE OXIMETER
- with software
Pocket Vet pulse oximeter with colour display for routine check and continuous monitoring use.
- display: 1.77" colour TFT
- resolution: 160x128
- display of pulse waveform
- alarm sound, pulse tone
- record: data can be recorded up to 24 hours
- alarm: adjustable high and low limits
- PC software for transfering real time data.
Supplied with Vet probe, 2 AA batteries, USB cable, PC software (GB, FR, IT, ES, DE, RU, PL) and user manual (GB, FR, IT, ES).
• 80801 SpO$_2$ VET PROBE - spare

80800

TECHNICAL SPECIFICATIONS	
Pulse rate	
Measuring range:	30 ~ 250 bpm (resolution 1 bpm)
Accuracy:	±2 bpm or ±2%
Average pulse rate:	moving calculate the average pulse rate every 4 cardio-beat's cycle. Deviation between average value and true value does not exceed 1%
Pulse intensity range:	continuous bar-graph display, the higher display indicates the stronger pulse
Device	
Power supply:	DC 3V, < 100 MA
Battery:	dry battery (2AA)
Oxymeter probe:	wavelength: 660 - 905 nm
Dimension - weight:	110x60xh 23 mm - 120g (with battery)
Safe type:	BF Type
SpO$_2$	
Measuring range:	0~100%, (resolution 1%)
Accuracy:	70~100%: ±2%
Average value:	calculate the average value every 4 measure value deviation between average value and true value does not exceed 1%

VET TOURNIQUET

• **80150 QUICK RELEASE VET TOURNIQUET - grey**
Quick release VET tourniquet for small animals.
Extra slim, ideal for cats and small dogs.
- easy to put on
- practical handling
- smooth and elastic cord
- plastic cord clamp
Multilingual instructions: GB, FR, IT, ES, PT, DE, PL, RO, GR, SE

80150

TECHNICAL SPECIFICATIONS	
Cord clamp size:	43x33x8 mm
Cord size:	200 mm
Weight:	10 g

COMBISCREEN URINE STRIPS

• **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 manual for interpretation of results of the following animals: horse, pig, cattle, sheep, goat, dog, cat, bunnie and guinea pig.
Multilingual box and instructions: GB, FR, IT, ES, PT, NL, DE.

ASCORBIC ACID PROTECTED

MADE IN GERMANY

Performs highest quality standard

ABSORBENT PADS FOR PETS

• **80900 ABSORBENTS PAD FOR PETS 60x60 cm - box of 10**
• **80901 ABSORBENTS PAD FOR PETS 60x90 cm - box of 10**
Pads designed for pets with superabsorbent polymer, contained in the inner pulp layer, to retain fluids and help alleviate the onset of bad smells. Practical adhesive tapes positioned on the back side of the pad, to ensure strong fixation to surfaces avoiding any pad shifting.
Suitable for physiological needs or involuntary losses of organic liquids due to incontinence or other pathologies.
- anti-odour control
- 100% PEFC certified cellulose
- non-toxic & waterproof back sheet
- hygienic, practical and resistant
Components: fluff pulp PEFC, tissue PEFC, top sheet made of non-woven polypropylene, back sheet made of PE FILM

MADE IN ITALY

TECHNICAL SPECIFICATIONS		
	80900	80901
Weight:	54.3 g	84.2 g
Absorption capacity according to ISO11948-1:	1100 g	1700 g

80901   **80900**

KORA VET MAGNETOTHERAPY

• **80770 KORA VET MAGNETOTHERAPY BASIC KIT**
• **80771 KORA MAT MATTRESS 64x40 cm**
Kora is a veterinary device designed for pulsed electromagnetic field (PEMF) therapy.
Ideal for reduction of pain and inflammation in pets.
Suitable for the treatment of neuropathy, ulcers and diseases of the musculoskeletal system of cats and dogs of any size.
Easy to use programmes guarantee a safe and effective therapy for pets. We suggest the use of a single Kora Mat mattress for small and medium-sized animals and use of two mats for large or medium-sized animals, combinable through velcro and connectable to a single device.
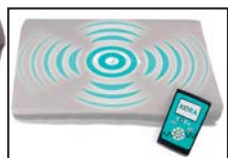
Cover can be removed for cleaning

Combination of 2 mattresses through velcro for large or medium-sized animals

80770 + 80771

80770

Kora device

STANDARD ACCESSORIES	
Kora Mat mattress	Carrying bag
Power supply	User manual: GB, IT, ES, PT
Magnet for verifying therapy operation	

TECHNICAL SPECIFICATIONS	
Channels:	2
Display:	colour display
Magnetic field intensity:	up to 100 G
Frequency:	up to 75 Hz
Programmes:	18
Power supply:	15VDC-2A
Size:	180x110x50 mm

18 PROGRAMMES	
Analgesic	Sciatic nerve
Arthritis	Neuropathy
Arthrosis	Prostheses
Muscual atrophy	Osteonecrosis
Discopathy	Osteoporosis
Fractures	Treat. 1 Hz
Healing	Treat. 18 Hz
Ligament lesion	Treat. 50 Hz
Tendon lesion	Treat. 75 Hz

VET MONO-BIPOLAR ELECTROSURGICAL UNITS 120W, 160W

80751

• **80750 DIATERMO MB 120D** - mono-bipolar - 120 W
• **80751 DIATERMO MB 160D** - mono-bipolar - 160 W

MADE IN ITALY

Diatermo MB are high frequency electrosurgical units suitable for minor and medium surgery.
MB allows pure CUT, cut-coagulation BLEND, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG and, with forceps, BIPOLAR coagulation.
The digital reading of delivered power and the monitoring of operative function by microcontroller guarantee absolute reliability of working conditions.
MB allows a highly professional surgery through ergonomic features. Neutral electrode connection and patient/plate contact are constantly monitored.
The possibility of output functions and output power delivery control, by handle, allows surgical procedures without divert attention from operation field.
See accessories (cables, forceps, electrodes, plates, ...) at pages 229-234.

TECHNICAL SPECIFICATIONS		
	MB 120D	**MB 160D**
Max output power CUT	120 W-250 Ω	160 W-250 Ω
Max output power BLEND	90 W-200 Ω	120 W-200 Ω
Max output power FORCED COAG	80 W-150 Ω	100 W-150 Ω
Max output power SOFT COAG	60 W-100 Ω	80 W-100 Ω
Max output power BIPOLAR	40 W-100 Ω	60 W-100 Ω
Working frequency	600 kHz	600 kHz
Patient circuit	F	F
Selectable input voltage	115 - 230 Vac	115 - 230 Vac
Mains frequency	50 - 60 Hz	50 - 60 Hz
Electrical input power	300 VA	350 VA
Size WxHxD mm	254x104x288	254x104x288
Weight	5 kgs	5 kgs
Controls:	Vet Patient/Plate circuit monitoring, Output power monitoring, Self check control	
Safety:	EN60601-1, EN60601-1-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b	

STANDARD ACCESSORIES
MB single use two button handle
MB waterproof foot switch 30577
MB flat neutral plate with cable (30564)
Kit of 10 short autoclavable electrodes, Ø 2.4 mm.
Power cable: 2 m
User manual: GB, IT, available on request FR, ES, PL

Features:
- minimum invasive surgery
- possibility to use bipolar forceps
- possibility to use split neutral electrodes
- memorization of the last used settings
- power activation by pedal and/or handle
- digital adjustment and indication of the output power
- adjustment of the acoustic indicator intensity.

CRYOMEGA® VET DUAL DELIVERY CRYOSURGERY KIT

• **80740 CRYOMEGA® VET DUAL DELIVERY CRYOSURGERY KIT**
CryOmega® Vet Dual Delivery is the perfect choice for cryosurgery treatment of benign lesions.
Cryogen reaches a temperature of -68 C° and is immediately ready to use. It can be delivered by cones or buds.
It combines the portability of a canister with the effectiveness found in more expensive liquid nitrogen-based units.
Single handed design, easy to use, no sutures required.
Multilingual manual: GB, FR, IT, ES, DE.
Available GR, RO, NL, BG, SE, PL, PT from www.gimaitaly.com

Effective freezing

Anesthesia not required

High efficacy

Dual delivery: buds or cones

80740

Cones
Different sizes to provide precise treatment

Buds
Appropriate when treating hard to reach or thin-skin surfaces

LESION TREATMENTS	
Type of lesion	**Freeze time range**
Warts	3 x 10 seconds
Eyelid tumors	10 - 20 seconds
Meibomian gland tumors	10 - 20 seconds
Skin tags	2 x 5 seconds
Distichia	10 seconds
Papillomas	3 x 10 seconds
Adenomas	3 x 10 seconds
Lick granulomas	3 x 10 seconds
Anal growths	3 x 10 seconds

CRYOSURGERY ADVANTAGES	
Less time involved	Less post-surgical pain
Tissue sparing	Less sedation or none required
Less bleeding	Minimal cutting or none required

STANDARD ACCESSORIES	
1 canister of cryogen gas	1 cone selection guide
handle and trigger	20 buds
4 cone adapters	1 neoprene practice pad
70 cones (3mm, 5mm, 7mm, 9mm, 12mm)	

LICK GRANULOMA TREATMENT WITH CRYOMEGA® VET

Before　　　*Day 6*　　　*Day 11*

VETERINARY ECG - 1 OR 3 CHANNEL

- 33305 VE-100 - 1 channel ECG
- 33306 VE-300 - 3 channel ECG
- 33336 ECG-Viewer software (GB, IT, FR, ES, RU, PT, PL, TU) for 33306
- complete digital design
- LCD display waveforms, parameter configuration
- high resolution thermal printer
- built in rechargeable Li-Ion battery for 6.5 hours use (AC/DC supply)
- complete digital filter, avoid baseline drift, AC, EMG interfere
- baseline automatically adjustable, optimizes printing position
- selectable auto/manual operation

Features of VE-300 only
- 12 leads simultaneous acquisition
- automatic ECG parameter measurement and analysis
- support USB ink-jet printer for 12 leads printing
- 120 patient data storage and transfer by USB flash disk, Ethernet or series port
- review and management of ECG data on Window PC with software (optional 33336)
Internal software: GB, IT (33305/6), DE, FR, ES (33305 only)
- **32963 THERMAL PAPER ROLL 50mm x 25m for 33305**
- **32964 THERMAL PAPER ROLL 80mm x 25m for 33306**
- **33318 RE-CHARGEABLE LITHIUM BATTERY 2200 mAh**
- **33319 5-LEAD VETERINARY ECG CABLE - spare**

33306

192x64 pixel LCD

VE-300 data transfer

33319

STANDARD ACCESSORIES
1 Paper roll
Rechargeable lithium battery (2,200 mAh)
5-lead veterinary ECG cable (Ø 4 mm, banana connector, IEC)
Veterinary clip electrodes (set of 5, match Ø 3-4 mm ECG cable)
Manual: GB, IT - on request FR, ES, DE

TECHNICAL SPECIFICATIONS

	33305	33306
Lead	standard 12 lead	
Acquisition mode	One lead	12 leads simultaneously
Frequency response	0.05 Hz ~ 150 Hz	
Sensitivity	2.5, 5, 10, 20 (mm/mV)	
Input impedance	≥ 50 MΩ (10 Hz)	
Filter	EMG Filter 35 Hz (-3dB) AC/DFT Filter 50/60Hz (-20dB)	EMG Filter 25/35/45Hz / OFF DFT Filter 0.05/0.15/0.25/ 0.32/0.5/0.67 Hz Low pass Fliter 150/100/75 Hz AC Filter on/off
Recording mode	Auto/Manual	Auto/Manual/Rhythm/OFF/USBPRT
Safety standard	IEC I/CF	
Power supply	AC: 100-115 V, 220-240 V, 50/60 Hz Built-in rechargeable Li-ion battery: voltage 14.8 V More than 6.5 hrs, continuously operation under battery supply	
Thermal paper	50 mm x30 m	80 mm x20 m
Paper speed	25/50 mm/s (± 3%)	5/6.25/10/12.5/25/50 mm/s (± 3%)
Size	300x260x75 mm	
Weight	2.3 kg (with battery)	2.5 kg (with battery)
Display	192x64 pixel LCD	192x64 pixel LCD
External input/output	Input: ≥100 kΩ; Sensitivity: 10 mm/V ± 5% output: ≤100 kΩ; Sensitivity: 1 mm/V ± 5%	
Communication interface	RS232	Ethernet, RS232, USB

VET DIGITAL 3 CHANNEL ECG

CONTEC™

80650

- **80650 3 CHANNEL ECG 300G VET**
ECG300G-VET can collect 12 lead ECG signal simultaneously and print waveform by thermal printing system. It records and displays ECG waveform in AUTO or Manual mode, measuring and diagnosing ECG waveform parameters automatically.
- Sync collection, digital signal processing technology to get high quality ECG waveform via power frequency filter, baseline filter and EMG filter of ECG signal
- display of 12 lead ECG, print mode, sensitivity, paper speed and filter state etc. on one screen
- multiple printing modes and formats, including auto and manual; waverform length can be adjusted through timed print function
- built-in large capacity memory to store at least 1,000 cases
- multilingual interface and report: GB, FR, IT, ES, PT, DE, PL, BG, SI, SK, RS, UA, TR (RU, NE, CN, VN)
- **33226 RECHARGEABLE BATTERY - spare**
- **32969 PAPER ROLL 80 mm x 20 m - box of 10**
- **33228 CARRYING BAG 39x29x14 cm**
- **80653 5-LEAD VET ECG CABLE - spare**
- **80654 ECG VETERINARY CLIP X 5 for mouth and paw - spare**

33228

TECHNICAL SPECIFICATIONS

ECG instrument Input	Safety Type:	Class I, type CF defibrillation proof applied part
	Lead:	Standard 12 leads
	Input way:	Floating and defibrillation protection
	Patient leak current:	< 10 μA
	Sampling rate:	1,000 Hz
	Frequency response:	0.05~150 Hz (- 3 dB, + 0.4 dB)
Dispose Wave Data	EMG interference filter:	25Hz/35Hz (-3 dB)
	AC filter:	50Hz/60Hz (-20 dB)
Waveform output	Recording way:	Thermal printing system (32 spots/mm)
	Recording paper:	80 mm(W)×20 m(L)
	Paper speed:	12.5 mm/s, 25 mm/s, 50 mm/s, ± 5%
	Sensitivity:	5, 10, 20 mm/mV, ± 2% accuracy
	Auto record:	record setup according to auto record format and mode, automatically changes leads, measures and analyzes
	Rhythm record:	record setup according to rhythm record format and mode, automatically measure and analyze
	Manual record:	record according to manual record format
Power supply	AC:	110-240V, 50/60 Hz
	DC - Lithium battery:	7.4V, 3500 mAh rechargeable lithium battery
Form	Size - Net Weight:	315 x 215 x 77 mm - 1.6 kg

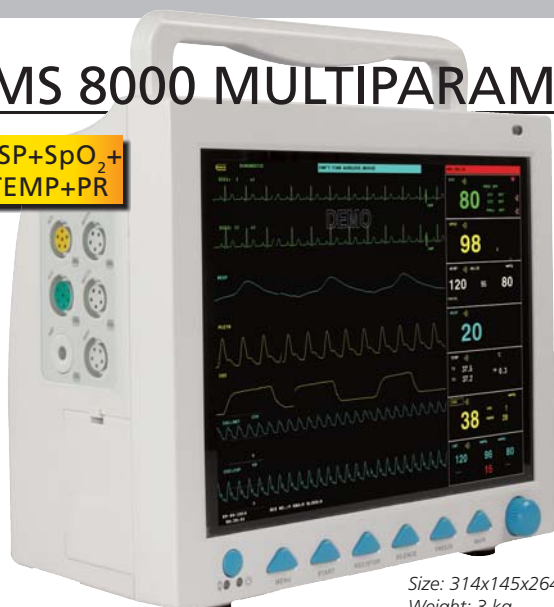|		
A/D conversion:	12 bit
Time constant:	≥ 3.2 s
CMRR:	> 105 dB
Enduring polarization voltage:	± 500 mV
Noise level:	≤ 12 μVp-p

STANDARD ACCESSORIES
ECG cable 5 lead
5 metal clamps
Chest electrodes - 1 set
Ground wire
Power cord
Paper roll
Manual: GB, IT

CMS 8000 MULTIPARAMETER VET MONITOR

ECG+RESP+SpO$_2$+ NIBP+TEMP+PR

80700

Size: 314x145x264 mm
Weight: 3 kg

• **80700 CMS 8000 VET PATIENT MONITOR**
ECG, RESP, SpO$_2$, PR, NIBP, TEMP
- 12.1'' TFT colour LCD display
- multilingual interface (GB, IT, FR, DE, ES, PT, NL, PL, CZ, TR, RO, RU)
- 8 channel waveform synchronous display
- 7 lead ECG waveform on one screen
- anti-motion, anti-ambient light interference digital SpO$_2$ technology
- AC/DC rechargeable lithium battery
- manual/AUTO/continuous NIBP measurement mode
- standard/OXY- graph/Trend-graph/big characters and view bed interfaces

GIMA code	ACCESSORIES AND SPARES
80702	Vet SpO$_2$ probe - 3 m cable - spare
80704	NIBP cuff 6-11 cm - spare
80705	NIBP cuff 10-19 cm - optional
35113	NIBP cuff 18-26 cm - optional
35146	NIBP cuff 25-35 cm - optional
35147	NIBP cuff 33-47 cm - optional
35181	Rectal temp probe - spare
35183	5 leads VET ECG cable - spare
80654	ECG VET clip x 5 for mouth and paw - spare
35157	Printer - optional*
35158	Trolley
35161	Rechargeable lithium battery - spare
32968	Printer paper roll 50 mm x 20 m

Adjustable height 104-130 cm
35158

Installation done by Gima if ordered with monitor. Needs service if ordered later.

TECHNICAL SPECIFICATIONS

ECG
5-lead, 3-lead
Scan speed: 12.5, 25, 50 mm/s
ST segment monitoring
Measurement and alarm range: -2.0 mV ±2.0 mV
RESP
Method: R-F (RA-LL) impedance
Measurement and alarm range: 0-150 rpm
Apnea alarm: 10-40 sec
NIBP - Oscillometric method
Mode: manual/AUTO/continuous
Measurement interval in AUTO mode:
1/2/3/4/5/10/15/30/60/90/120/240/480/960 min

Measurement period in CONT mode: 5 min
Measurement alarm: 10-270 mmHg
SpO$_2$
Measurement and alarm range: 0-100%
Measurement accuracy: 70-100% ±2%
PR
Measurement and alarm range: 25-250 bpm
TEMP
Measurement and alarm range: 0-50 °C
DEVICE
Power supply: 100-240 V - 50/60 Hz
Safety classification: Classe I type CF
Defibrillation-proof applied part

STANDARD ACCESSORIES
- Vet SpO$_2$ probe - 3 m
- NIBP cuff 6-11 cm and extension tube
- Temperature probe - rectal
- Rechargeable lithium battery
- 5 leads ECG cable with metal clamps
- power supply cable
- manual: GB, IT

GIMA 900 VET MULTIPARAMETER MONITOR

• **80710 GIMA 900 VET MULTIPARAMETER MONITOR**
Multi-parameter Vet device which can monitor the vital physiological parameters: non-invasive blood pressure (NIBP) and pulse oxygen saturation (SpO$_2$).
- 3.5''LCD display for remote review
- flexible configurations of SpO$_2$ and NIBP
- history data records reviewed in waveform, list and trend graph
- USB connection for data output and software upgrade

80710

Rail clamp
35128

35127

GIMA code	ACCESSORIES AND SPARES
80712	Vet SpO$_2$ probe - spare
80715	NIBP Suntech Vet cuff 6-11 cm - spare
35133	Printer*- optional
35141	Paper 5.1 cm x 12 m - box of 5
35129	Lithium re-chargeable battery - spare
35127	Trolley - adjustable 73 to 113 cm
35128	Rail clamp - optional

Installation done by Gima if ordered with monitor. Needs service if ordered later.

TECHNICAL SPECIFICATIONS
NIBP
Measurement mode: Manual, Auto, STAT
Measurement range: SYS mmHg 40-265
MAP mmHg 27-222
DIA mmHg 20-200
SpO$_2$
Measuring range: 1%~100%
Measuring accuracy: 2% for range 70 to 100%
Pulse Rate
Measuring range: 30~400 bpm
Other Specifications
Power supply: 100~240 VAC, 50/60 Hz
Battery: 11.1 V / 4,400 mAh (Li-ion Battery)
Size: 168x172xh 242 mm

STANDARD ACCESSORIES
80710
- VET SpO$_2$ probe
- NIBP VET Suntech cuff set (5 cuffs**)
- Lithium rechargeable battery
- Power supply cable
- Dust protective mantle
- Manual (GB, IT)

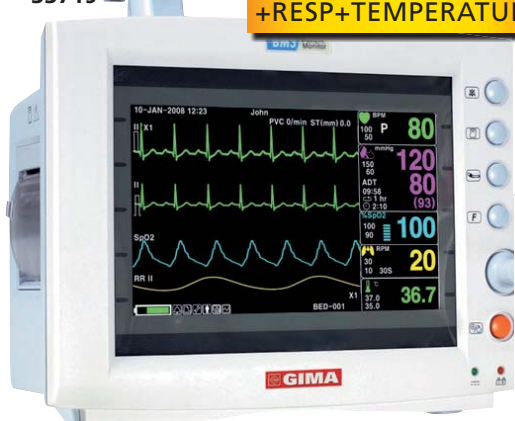**Set of 5 cuffs: 3-6 cm, 4-8 cm, 6-11 cm, 7-13 cm, 8-15 cm

BM3 PORTABLE MULTIPARAMETER VET MONITOR

33719

ECG+SpO$_2$+NIBP +RESP+TEMPERATURE

3-lead ECG clip

SpO$_2$ sensor

• **33719 BM3 VET MONITOR - 7" TFT display**
Versatile, portable, lightweight, BM monitor designed to be used in veterinary environment.
Compact design and handle make it easy to move.
Colour monitor displays all vital signs in different colours for easy recognition.
A built in printer offers hard copy documentation of all measured values.
Alarms and settings are easily adjustable.
See all specifications and accessories at page 349.
• **33772 RECTAL TEMPERATURE SENSOR - 2.75 m cable - optional**

STANDARD ACCESSORIES
3 lead VET patient cable (ECG)	SpO$_2$ sensor extension cable 2 m
Disposable electrodes: 10 pcs	Thermal printer 58 mm
NIBP tubing - 3m	DC adaptor (18 VDC, 2.5A)
Set of 3 veterinary cuffs	Battery
SpO$_2$ sensor - reusable	User manual: GB, IT

CHISON ECO2 AND ECO3EXP. VET DIGITAL ULTRASOUND SYSTEMS

Adjustable monitor with 30° rotation

ECO3EXP. VET

ECO2 VET

CHISON
Value Beyond Imaging

• **33945 CHISON ECO2 VET with 1 probe connector without probe**
• **33995 CHISON ECO3EXP. VET with 2 probe connectors without probe**
- ultra-compact and ultra-light weight, easy to carry
- latest LED screen technology, super bright images allow to easily view scan even outdoor.
- ergonomic monitor design, 30 degree rotation, adjustable.
- ultra-long battery life up to 2 hours, for outdoor scanning
- one-key to enlarge image to full screen, easy to view from distance
- streamlined workflow, easy to operate, 6-one-key to finish the cycle of diagnosis.

Display modes and imaging processing
B, B/B, 4B, M, B/M, PW multi-frequency imaging

Imaging processing
- compound Imaging   - trapezoidal
- I-image intelligent image optimization - automatic PW trace
- THI (Tissue Harmonic Imaging)   - Chroma
- SRA (Speckle Reduction Algorithm)   - AIO (Automatic
- full digital beam-former   Image Optimization)
- full screen display

User interface
- fold-up control panel and alphanumeric keyboard
- back-lit keyboard for good visibility in dark room
- interactive back-lighting
- indicator lights identify activated keys
- 8 TGC slides for easy adjustment
- short cut knob for quick adjustment (hot key user- defined)
- neat and clear keyboard layout, doctor can remember easily
- user defined preset

Streamlined workflow, one key to:
- select desired application with automatic preset
- optimize the image automatically (AIO)   - Make report
- save still image and cine loop   - Measure
- print to PC printer* (laser or inkjet) or video printer
  See list of compatible printers on our website

EASYVIEW™ Archive system
- image archive on hard disk and USB mobile storage
- multiple image formats: BMP, JPG, DCM, CIN, AVI
- cine review: auto, manual (auto review segment can be set) for 2D, M, PW images
- cine memory capacity (256 frames/10s)   - 3 USB ports

STANDARD PACKAGE	ECO2	ECO3EXP.	ECO5
12" high resolution LED monitor - B&W	●	●	
12" high resolution LED monitor - colour			●
8G memory card	●	●	●
Hot Key	●	●	●
PC printer connection	●	●	●
3 USB port	●	●	●
1 ethernet port	●	●	●
1 video out port, 1 VGA out port	●	●	●
1 footswitch port	●	●	●
Full screen display	●	●	●
2 hours rechargeable lithium-ion battery	optional	●	●
Power adaptor	●	●	●
Standard software package	●	●	●
Easy View image archive system	●	●	●
THI	●	●	●
PW (doppler function to detect blood flow speed)	●	●	●

TECHNICAL SPECIFICATIONS
Dimension and weight: 33.5x15.5xh 35 cm (13.2"x6.1"xh 13.8"); 6 kg
Display: 12" LED, high resolution 1,024x768
Power: AC 100-240 V - 50/60 Hz
          rechargeable lithium-ion battery (ECO2 optional, ECO3EXP. standard)

LANGUAGE - switchable by user	GB	IT	FR	ES	DE	CZ	TR	CN	RU
Software	●	●	●	●	●	●	●	●	●
User manual	●	●							

CHISON ECO5 VET COLOUR DOPPLER DIGITAL ULTRASOUND SYSTEM

Dicom 3.0

VGA

USB

12" LED monitor (0-30°)

Dual probe-holder

CHISON
Value Beyond Imaging

ECO5 VET

34008

• **34008 CHISON ECO5 VET Colour Doppler 12" high resolution colour LED monitor, 8G high speed memory, 3 USB ports, 2 probe connectors, EASYVIEW™ archive system, without probe**
Imaging model: B, B/B, 4B, B/M, M, CFM, PW
Imaging processing:
- MCI (Multiple Compound Imaging)   - trapezoidal
- i-image intelligent image optimization   - automatic PW trace
- THI (Tissue Harmonic Imaging)   - Chroma
- SRA (Speckle Reduction Algorithm)   - full screen display model
- full digital beam-former   - AIO (Automatic Image Optimization)
Other specifications as ECO3EXP.

TECHNICAL SPECIFICATIONS
Dimension and weight: 33.5x15.5xh 35 cm (13.2"x6.1"xh 13.8"); 6.5kg
Display: 12" LED, high-resolution colour 1,024x768
Power: AC 100-240 V, 50-60 Hz
                            Rechargeable lithium-ion battery

PROBES AND ACCESSORIES FOR CHISON ECO SERIES

GIMA code	CHISON code	Scanning method	Main freq.	Probe band width	CANINE	FELINE	OVINE	EQUINE	BOVINE
33998	C3-A	Convex	3.5	2.5 - 5.0			●	●	●
33999	L7M-A	Linear*	7.5	5.3 - 10.0	●	●	●	●	●
33871	L7S-A	Linear**	9.0	5.3 - 11.0	●	●	●	●	●
34000	L7V-A	Trans-rectal	7.5	5.3 - 10.0			●	●	●
33997	MC6-A	Micro-convex	6.0	4.5 - 8.0	●	●			
33874	MC3-A	Micro-convex	3.0	2.5 - 5.0	●	●	●	●	●

PROBES ECO1 - 2 - 3 - 5   FREQUENCY(MHz)   ● Main application

*With 40 mm footprint, general linear probe
**With 30 mm footprint for superficial tissue exams with higher resolution

GIMA code	ECO SERIES ACCESSORIES
33869	Rechargeable lithium-ion battery BT-2500 (2.5 hours)
33867	ECO trolley TR-9000
33868	Carrying case
33866	Needle guided brackets - specify for which probe (available for 33998-9, 33874 only)

PRINTERS	
33968	SONY UP-X898 MD B&W printer (for ECO1, ECO2, ECO3EXP.)
33993	SONY UP25MD colour printer (for ECO5)
33961	SONY UP-D25MD colour printer (for ECO5)

34008 + 33867