

MINIASPEED BATTERY EVO PROFESSIONAL SUCTION ASPIRATORS

- 28282 MINIASPEED EVO BATTERY SUCTION - 1 I
 - 28283 MINIASPEED EVO BATTERY SUCTION - 1 I for ambulance
 - 28284 MINIASPEED EVO BATTERY SUCTION - 2 I
- Professional portable high flow - high vacuum aspirators with integrated rechargeable batteries. It works at 12 V power supply with rechargeable batteries or directly by mains supply, continuously at 110-230 V while recharging batteries. Up to 45 minutes of autonomy with fully charged battery. Made in Italy.
- 25480 SILICONE TUBE 6x12 mm - roll of 30 m
 - 28254 ADAPTER FOR CATHETER
 - 28255 HYDROPHOBIC 99% BACTERIAL FILTER
 - 28258 AUTOCLAVABLE JAR 1000 ml (with cover)
 - 28259 DISPOSABLE SUCTION LINER
 - 28294 AUTOCLAVABLE JAR 2,000 ml (with cover)



TECHNICAL SPECIFICATIONS	
Operating voltage:	with battery DC 12 V with power supply 100÷240 V ~ 50/60 Hz - 14 VDC 4,28A
Power consumption:	max 50 W
Size:	134x378xh 263 mm Weight: 4.7 kg (5 kg version for ambulance)
Bottle capacity:	1,000 or 2,000 ml
Flow:	30 air litres/min
Sound level:	65 dBA at 1 m
Operating cycles:	continuous (45 minutes battery autonomy)
MAX vacuum:	0 ± 85 kPa
Internal battery:	12 VDC 4A h lead hermetic
Battery autonomy:	about 45 minutes, recharging time approx 6 hours
Norms:	MDD 93/42/EEC (Class IIa - annex IX) EN60601-1(IEC 60601-1) / EN60601-1-2 (IEC 60601-1-2) UNI EN ISO 10079-1/ UNI CEI EN ISO 14971 Degree of protections against ingress of liquids: IP34d (IEC 529) Class II - Type B

STANDARD ACCESSORIES	
Autoclavable 1 or 2 l jar with safety valve	Power supply cord - 2 m
Sterile disposable cannula CH14	Shoulder carrying bag
Sterile disposable manual regulator	Multivoltage battery charger
Disposable silicone liner 1 l (28282-3 only)	Silicone tubing set Ø 6x12 mm
2 bacterial hydrophobic filters	Support bracket for ambulance (only 28283)
Cigarette lighter power cord (28282, 28284 only)	User manual: GB, IT, FR, DE, ES

SUPERVEGA EVO BATTERY AMBULANCE ASPIRATOR

- 28182 SUPERVEGA EVO AMBULANCE BATTERY ASPIRATOR
 - 28183 SUPERVEGA EVO BATTERY ASPIRATOR
- Supervega Evo is an electric medical device for the nasal, oral and tracheal aspiration of body fluids in children or adults. Two or three options of operation: by 100-240V power feeding (28183 only), 12 V car adapter or internal rechargeable battery. Large LCD for clear reading of vacuum values along with soft keys for vacuum adjustment increase the accuracy of aspiration. Smart operation thanks to the combination of the lightweight lithium-ion battery with the innovating FEEDBACK system that controls and manages the power of aspiration, providing a long autonomy of the battery and quiet noise level during operation. The PROXIMITY function to switch ON or OFF the device without touch prevents and avoids cross-contamination in-between patients. Equipped with a long-life brushless motor eliminating any type of smell and coal residuals. Various options of jar: standard autoclavable polycarbonate (121°C), optional FLOVAC® disposable liners or APEC® that can resist up to 143°C, see at page 163. Complies with EN 60601- 1-11 only 28183 "for use in the home healthcare environment" and carries IP21 degree of protection. Made in Italy.



TECHNICAL SPECIFICATIONS	
Motor:	Oil-less and maintenance-free piston pump
Power:	Internal rechargeable Lithium battery (14.8 V - 5.2 A) - Autonomy 70 min Car-ambulance adapter (12 V - 4 A) - only 28183 AC/DC adapter 110-230 V, 50-60 Hz - only 28183 Recharge from support bracket - only 28182
Max vacuum (adjustable):	-0.75 Bar; -75 kPa; -563 mmHg
Max free air flow rate:	26 l/m
Size:	35x19x15 cm
Weight:	2.7 kg
Duty cycle:	non stop operation (by mains or 12 V only)

STANDARD ACCESSORIES	
Polycarbonate jar 1,000 ml with overflow valve system	Antibacterial filter
Silicone tube set with conical connector	Suction catheter
Universal power adaptor (100-240V - 50/60 Hz) (only 28183)	12V car adapter (only 28183)
Support bracket for ambulance 20x16x16 cm (only 28182)	Carrying bag (only 28182)
User Manual GB, FR, IT, DE, ES.	

SUPER VEGA BATTERY SUCTION ASPIRATOR ON TROLLEY

- 28193 SUPER VEGA BATTERY on trolley - suction 2x2 I
- Portable suction unit for the aspiration of body liquids, oral, nasal and tracheal aspiration in adults or children. For professional use and with a powerful aspiration of max 36 l/min. It comes with double collection jars and on a stand with five castors for easy transport. Two different working options: AC/DC adapter, rechargeable battery make it a versatile suction unit approved for NON-STOP operation without overheating. Provided with visual and acoustic alarm indicating low battery level, vacuum-meter (bar & kPa) and vacuum regulator.

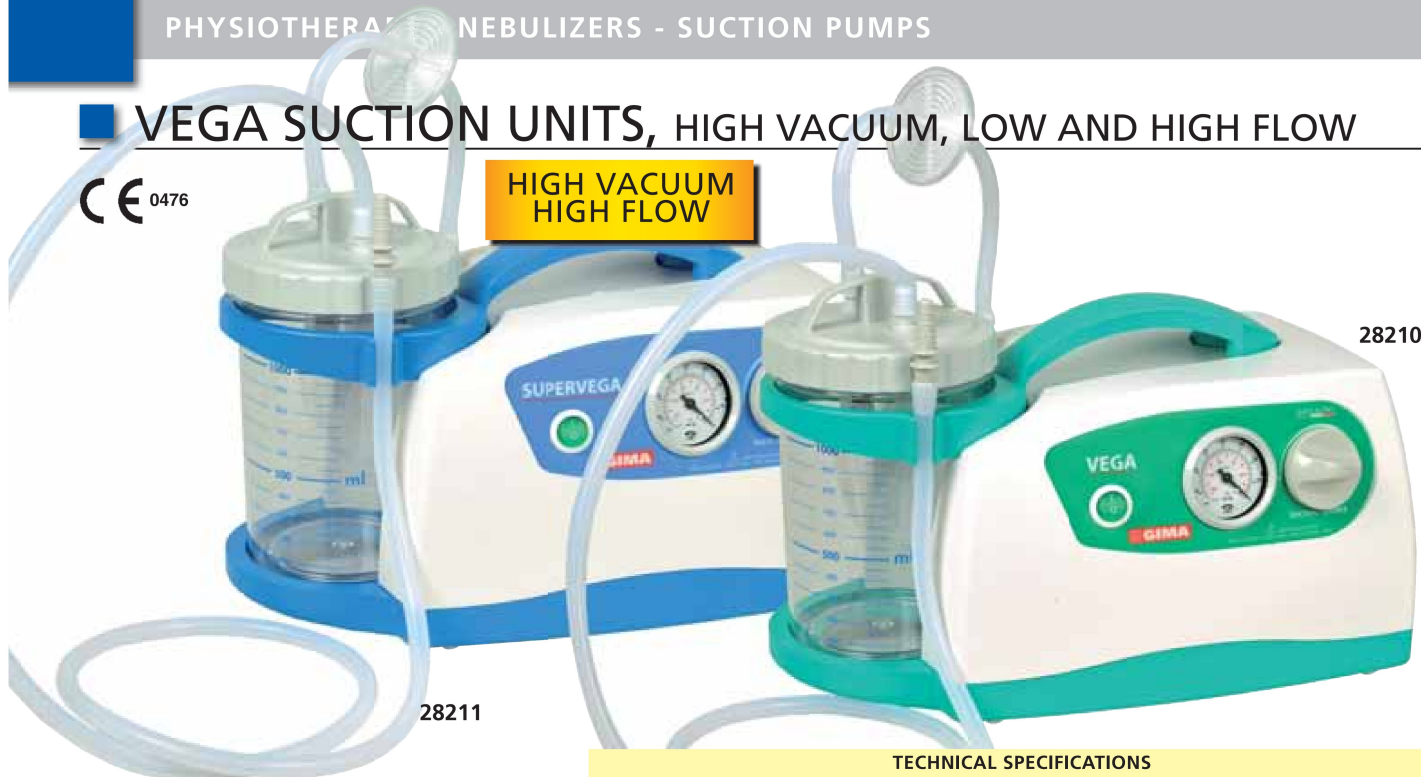


TECHNICAL SPECIFICATIONS					
Size - Weight:	32x30xh 99 cm - 7,9 kg	Battery autonomy:	60 min	Recharging:	240 min
Operating voltage:	100-240 V - 50/60 Hz	Flow:	36 air litres/minute	Temporary use:	120 on - 60 off
Internal rechargeable Pb battery:	12V - 4A	User manual:	GB, FR, DE, IT, ES	Made in Italy	

VEGA SUCTION UNITS, HIGH VACUUM, LOW AND HIGH FLOW



**HIGH VACUUM
HIGH FLOW**



28210

28211

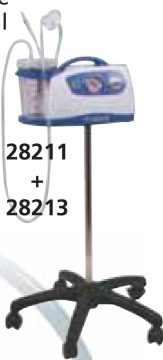
VEGA SUCTION UNITS

A line of stylish, compact and reliable aspirators for small surgery. Silent, high flow and maintenance - free pumps allow long product life and durability.

Recommended for nasal aspiration, oral aspiration, tracheal aspiration of body liquids (mucus, catarrh or blood) in adults or children. Equipped with vacuum regulator continuously adjustable, vacuum indicator, unbreakable 1,000 ml or 2,000 ml bottle, autoclavable at 121°C, with safety float control valve to prevent overflow. Optional bottle autoclavable at 134°C. Manufactured in electric and thermal insulated plastic body.

Autoclavable and disposable collection system: In addition to standard autoclavable jar is available a disposable collection system composed by a rigid reusable container and a polyethylene disposable liner with cover, hermetically sealed, and hydrophobic, antireflux, bacterial filter operating as an overflow valve.

Made in Italy.



28211
+
28213



1 l polycarbonate autoclavable jar with overflow safety valve

28209

28252

Adaptor to connect catheter to silicone tube

STANDARD ACCESSORIES

- Autoclavable jar (1 or 2 l) with overflow valve system
- Antibacterial and hydrophobic filter
- Set of silicone tubes 6x10 mm
- Conical connector for probes
- 6 languages user manual (GB, FR, IT, DE, ES, PT) **28229**



TECHNICAL SPECIFICATIONS

	28209 VEGA UNO	28210 VEGA	28211 SUPERVEGA
Operating Voltage:	220-230 V - 50/60 Hz 110 V - 60 Hz (on request)	220-230 V - 50/60 Hz 110 V - 60 Hz (on request)	220-230 V - 50/60 Hz or 110 V - 60 Hz
Power consumption:	184 W	184 W	106 W
Bottle capacity:	1,000 ml	1,000 ml	1,000 ml or 2,000 ml
Flow (air litres/min):	15 l/min	16 l/min	40 l/min
Max suction:	-0.75 bar (563 mm/Hg)	-0.75 bar (563mm/Hg)	-0.80 bar (600mm/Hg)
Operating cycle:	continuous	continuous	continuous
Size:	25x19x16.5 cm	35x21x18 cm	35x21x18 cm
Weight:	2.2 kg	2.5 kg	3.6 kg
Norms:	93/42/ECC	93/42/ECC	93/42/ECC

GIMA code	VEGA SUCTION ASPIRATOR	Operating power	Flow
28209	Vega Uno	220-230 V - 50/60 Hz	15 l/m
28210	Vega	220-230 V - 50/60 Hz	16 l/m
28211	Super Vega 1l	220-230 V - 50/60 Hz	40 l/m
28212	Super Vega 2l	220-230 V - 50/60 Hz	40 l/m
28189	Super Vega 1l	110 V - 60 Hz	40 l/m



GIMA code	SPARE ACCESSORIES FOR VEGA AND TOBI LINE
28229	Hydrophobic, 99% antibacterial filter
28226	121°C autoclavable jar 1 l with cover and overflow system
28236	121°C autoclavable jar 2 l with cover and overflow system
28227	Cover and overflow valve system for 28226 and 28236
28185	134°C autoclavable jar 1 l with cover and overflow system
28186	134°C autoclavable jar 2 l with cover and overflow system
28184	Cover and overflow valve system for 28185 and 28186
28271	Disposable liner 1 l (cover + bag)
28270	Container for disposable liner 1 l
28268	Disposable liner 1 l (cover + bag) - box of 50
28273	Disposable liner 2 l (cover + bag)
28269	Disposable liner 2 l (cover + bag) - box of 50
28272	Container for disposable liner 2 l Ø 13 cm top, 9.5 cm bottom
25468	Silicone tube 6x10 mm - roll of 30 m
28252	Adaptor to connect catheter to silicone tube
	Suction catheter - see at page 43
28213	Trolley for Vega and Super Vega (not for Vega Uno)
28276	Vacuum indicator for Vega and Super Vega (not for Vega Uno)

HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPIRATOR



28232



28231

Ideal for hospital, these suction aspirators are manufactured in ABS. Four antistatic castors, two of which with brakes, to allow perfect mobility. Vacuum gauge for the control of vacuum (1 bar). 2 or 4 litre jar made of autoclavable makrolon, with 200/400 ml graduation. Each jar with double security valve. Pump piston type, lubrication and maintenance free. With anti bacterial filter. Available model with footswitch and other operating voltage (110 V).
User manual in GB, FR, IT, ES, DE. Made in Italy.

GIMA code	TOBI CLINIC / HOSPITAL	Jar	Power	Foot switch
28231	TOBI CLINIC - suction aspirator	2x2l	220-230 V	-
28214	TOBI CLINIC - suction aspirator	2x2l	220-230 V	yes
28215	TOBI CLINIC - suction aspirator	2x4l	220-230 V	-
28216	TOBI CLINIC - suction aspirator	2x4l	220-230 V	yes
28232	TOBI HOSPITAL - suction aspirator	2x2l	220-230 V	-
28202	TOBI HOSPITAL - suction aspirator	2x2l	220-230 V	yes
28233	TOBI HOSPITAL - suction aspirator	2x4l	220-230 V	-
28234	TOBI HOSPITAL - suction aspirator	2x4l	220-230 V	yes
28235	TOBI HOSPITAL - suction aspirator	2x2l	110 V	-

TECHNICAL SPECIFICATIONS

	Hospital (28202-28232/3/4/5)	Clinic (28214/5/6, 28231)
Size:	55x45xh 65 cm	46x42xh 60 cm
Weight:	20 kg	13 kg
Operating voltage:	110 V or 230 V - 50/60 Hz	110 V or 230 V - 50/60 Hz
Maximum suction:	- 0.90 bar (675 mm/Hg)	- 0.90 bar (675 mm/Hg)
Operating cycle:	continuous	continuous
Flow:	90 l/min	60 l/min
Norms:	CEI 62-5 (IEC 601-1) 93/42 EEC.	CEI 62-5 (IEC 601-1) 93/42 EEC.

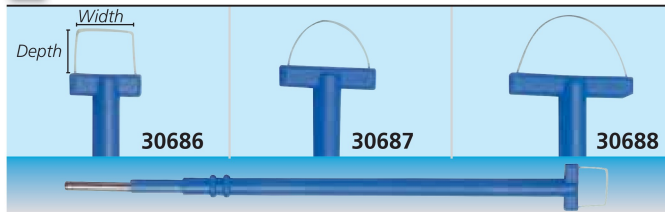


28234



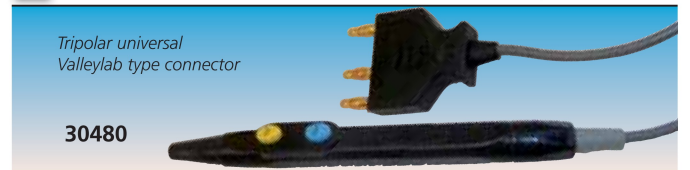
GIMA code	ACCESSORIES	
	FOR CLINIC/HOSPITAL, CLINIC PLUS, HOSPI PLUS	To be used with
28237	Hydrophobic, 99% bacterial filter	Hospital/ Hospi plus
28239	Hydrophobic, 99% bacterial filter	Clinic/Superverga Trolley
28236	121°C autoclavable jar 2l with overflow system	All 2 l aspirators
28227	Cover 2l with overflow valve system	28236
28228	121°C autoclavable jar 4l with overflow system	All 4 l aspirators
28223	Cover 4l with overflow valve system	28228
28186	134°C autoclavable jar 2l with overflow system	All 2 l aspirators
28184	Cover 2l with overflow valve system	28186
28187	134°C autoclavable jar 5l with overflow system	All 4 l aspirators
28272	Container for disposable liner 2l	All 2 l aspirators
28273	Disposable liner 2l cover+bag	28272
28274	Container for disposable liner 3l	Clinic/Hospital/ Hospital plus 2 l
28275	Disposable liner 3 l cover+bag	28274
25482	Silicone tube 8x14 - roll of 30 m	Clinic/Hospital
28253	Adapter to connect catheter to silicone tube	25482
	Suction catheter see at page 43	28253
28276	Vacuum indicator Ø 50 mm	Clinic
28277	Vacuum indicator Ø 60 mm	Clinic plus/Hospi Plus
28265	Bottom base	Hospital
28266	Bottom base	Clinic plus/Hospi Plus
28267	Bottom base	Clinic Hospital

LOOP ELECTRODES Ø 2.4 mm



GIMA code	Reference number	LOOP ELECTRODES - Ø 2.4 mm autoclavable at 121° C	Shaft length	Electrode width	Electrode depth
30686	50	Square loop electrode	13 cm	10 mm	8 mm
30687	51	Loop electrode	13 cm	15 mm	8 mm
30688	52	Loop electrode	13 cm	20 mm	10 mm

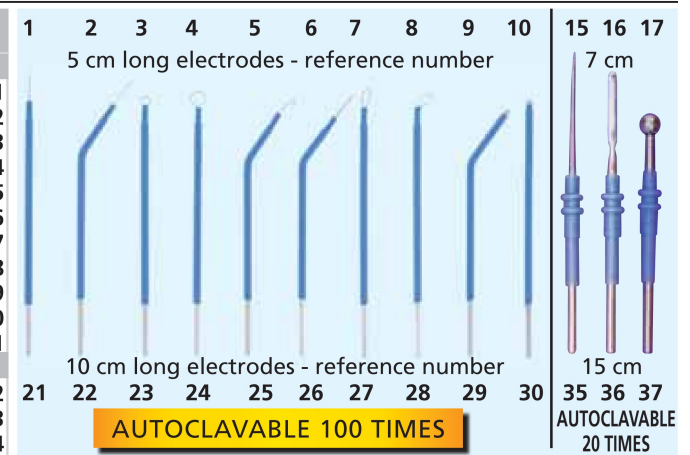
ELECTRODES AND HANDLE Ø 4 mm



- **30480 AUTOCLAVABLE MB HANDLE Ø 4 mm - 100 times**
Autoclavable handle up to 100 times for Ø 4 mm shaft electrodes with 3 m silicone cable and blade electrode.
 - **30482 NEEDLE ELECTRODE Ø 4 mm**
 - **30483 BLADE ELECTRODE Ø 4 mm**
 - **30484 BALL ELECTRODE Ø 4 mm**
- S/S electrodes autoclavable 100 times. Sold in box of 5. Length 5.5 cm.

AUTOCLAVABLE ELECTRODES Ø 2.4 mm

GIMA code	Reference number	AUTOCLAVABLE ELECTRODES Ø 2.4 mm	Reference number	GIMA code
length 5 cm		minimum order: 6 pcs.	length 10 cm	
30501	1	Electrode wire 0.2 - straight	21	30521
30502	2	Electrode wire 0.2 - angled 45°	22	30522
30503	3	Electrode bend - Ø 4 - straight	23	30523
30504	4	Electrode bend - Ø 8 - straight	24	30524
30505	5	Electrode hook - angled 45°	25	30525
30506	6	Electrode wire 1 mm.- angled 45°	26	30526
30507	7	Electrode straight slip-knot - straight	27	30527
30508	8	Electrode angled slip-knot - straight	28	30528
30509	9	Electrode ball point - Ø 3 mm - angled 45°	29	30529
30510	10	Electrode ball point - Ø 3 mm - straight	30	30530
	SET	Set of 10 electrodes	SET	30531
length 7 cm		minimum order: 10 pcs.	length 15 cm	
30511	15	Needle electrode	35	30532
30512	16	Blade electrode	36	30533
30513	17	Ball electrode	37	30534



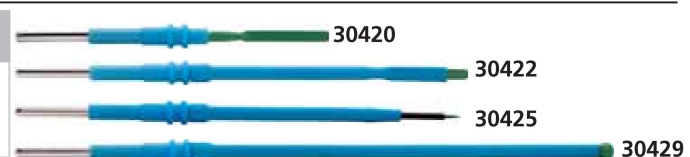
SINGLE USE STERILE ELECTRODES Ø 2.4 mm

GIMA code	Reference number	SINGLE USE ELECTRODES Ø 2.4 mm	Reference number	GIMA code
length 7 cm		Sterile electrode - box of 24	length 15 cm	
30670	13		Needle electrode - sterile electrode	33
30671	11		Blade electrode - sterile	31
30672	12	Ball Ø 4 mm electrode - sterile	32	30676
		Sterile electrode - box of 10	length 13 cm	
-	-		Loop electrode - 15 mm x 8 mm	34

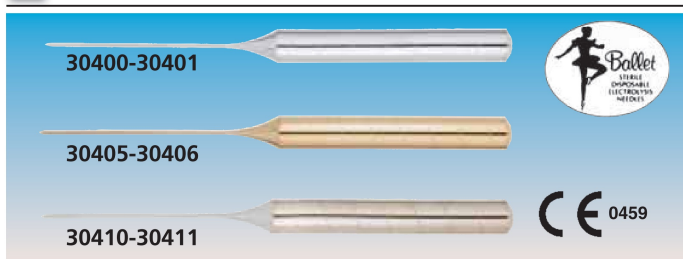


NON-STICK SINGLE USE STERILE ELECTRODES Ø 2.4 mm

GIMA code	NON-STICK SINGLE USE ELECTRODE Ø 2.4 mm	Length
30420	Blade electrode - sterile	7 cm
30422	Blade electrode - sterile	10 cm
30425	Needle electrode - sterile	10 cm
30429	Ball electrode - sterile	13 cm



BALLET STERILE DISPOSABLE ELECTROLYSIS NEEDLES



Ballet needles
The Ballet needle is manufactured with both a precise point and a mirror-like surface polish. The rounded tapered point of the needle will assist the electrologist in locating the follicle opening and upon insertion the needle will slide smoothly and accurately to the base of the follicle.

Stainless steel needles
Ideal for patients with strong healthy skin who respond well to electrolysis treatment.

Insulates needles
Suggested for patients with high sensitivity to discomfords of electrolysis.

24 carat gold plated needles
For clients who suffer from allergies and sensitive skin.

Stainless steel	Gold plated	Insulated	ELECTROLYSIS NEEDLES - STERILE	Minimum order
30400	30405	30410	K2 needle - 0.055 mm (0.002")	box of 50
30401	30406	30411	K3 needle - 0.075 mm (0.003")	box of 50

3-PIN MONOPOLAR HANDLES FOR ELECTRODES Ø 2.4 mm

VALLEYLAB CONNECTOR HANDLES with 2 "click" push-buttons GIMA autoclavable electrosurgery pencils with CUT-COAG switch have been studied and tested to offer maximum reliability and functionality to the operator. MB handles are provided with a 3 Pin plug Valleylab type fitting all Gima mono-bipolar Diatermo MB (120, 122, 132, 160, 200, 202, 240, 250, 380, 400) and most of bipolar electrosurgical units: Aspen Lab, ES Generator, EMC Statome, Danieli, Braun, Berchtold, Ohmeda, Ritter, Conmed, Eschmann, Bovie, Martin, Kontron, Bard, Birtcher 771, Cobi, Valleylab, Led, Erbe...

AUTOCLAVABLE HANDLES

- **30554 MB AUTOCLAVABLE HANDLE - 100 times**
Autoclavable handle with 2 large "click" push-buttons, provided with a 3 meter long silicone cable and a blade electrode. It can be autoclaved up to 100 times (electrode 20 times).
- **30545 MB AUTOCLAVABLE HANDLE - 100 times**
Same as code 30554 but with a 5 m long silicone cable
- **30550 PRIMA MB AUTOCLAVABLE HANDLE - 60 times**
Autoclavable handle with 2 large "click" push-button, provided with a 3 meter long silicone cable and a blade electrode. It can be autoclaved up to 60 times.
- **30548 STAR AUTOCLAVABLE HANDLE - 30 times**
Same as code 30554 but autoclavable up to 30 times (electrode is autoclavable up to 20 times).
- **30539 ORION PLUS AUTOCLAVABLE HANDLE - 100 times**
Same as 30554, but with a screw clamp locking system ensuring a safe contact and adapting to slightly different electrode diameters. High insulation to prevent liquid damage.
- **30536 SURGEON AUTOCLAVABLE HANDLE - 100 times**
Autoclavable, waterproof handle with ergonomic grip. Coloured ring that indicates CUT and COAG push buttons. Provided with 3 m cable and blade electrode.

SINGLE USE HANDLE

- **30551 KIRKY SINGLE-USE HANDLE - STERILE**
Single-use handle with "click" push-buttons for cut and coag. Includes blade electrode.
- **30553 GIMA SINGLE-USE HANDLE - STERILE**
Same as 30551 with 3 m cable.



1-PIN MONOPOLAR HANDLES FOR ELECTRODES Ø 2.4 mm

1 pin plug HANDLES for diatermo 50, 80, 106, 108

These handles are provided with a 1 Pin socket (4 mm) fitting all Gima Diatermo and most of electrosurgical units in the market. These handles **do not have push-buttons**.

- **30515 SURGEON 1 PIN AUTOCLAVABLE HANDLE - 100 times**
Autoclavable, waterproof handle with ergonomic grip. Provided with 3 m cable and blade electrode
- **30519 AUTOCLAVABLE 50-80-106-108 HANDLE**
Autoclavable handle **without buttons**, provided with a 3 meter long cable and a blade electrode. It can be autoclaved up to 50 times.
- **30518 KIRKY SINGLE-USE 50-80-106-108 HANDLE - STERILE**
Single-use handle without button with blade electrode with 4 mm PIN connection.



HANDLES FOR ELECTROLYSIS NEEDLES

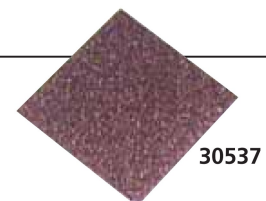
Needle handles for all GIMA Diatermo and electro-depilators

- **30552 HANDLE for electrolysis needles**
- **30415 PROFESSIONAL HANDLE for electrolysis needles**
see electrolysis needles at page 187



ELECTRODE BRUSHES

- **30537 ELECTRODE BRUSH - 50x50 mm**
Disposable sterile radiopaque abrasive tip cleaner pad. Box of 100





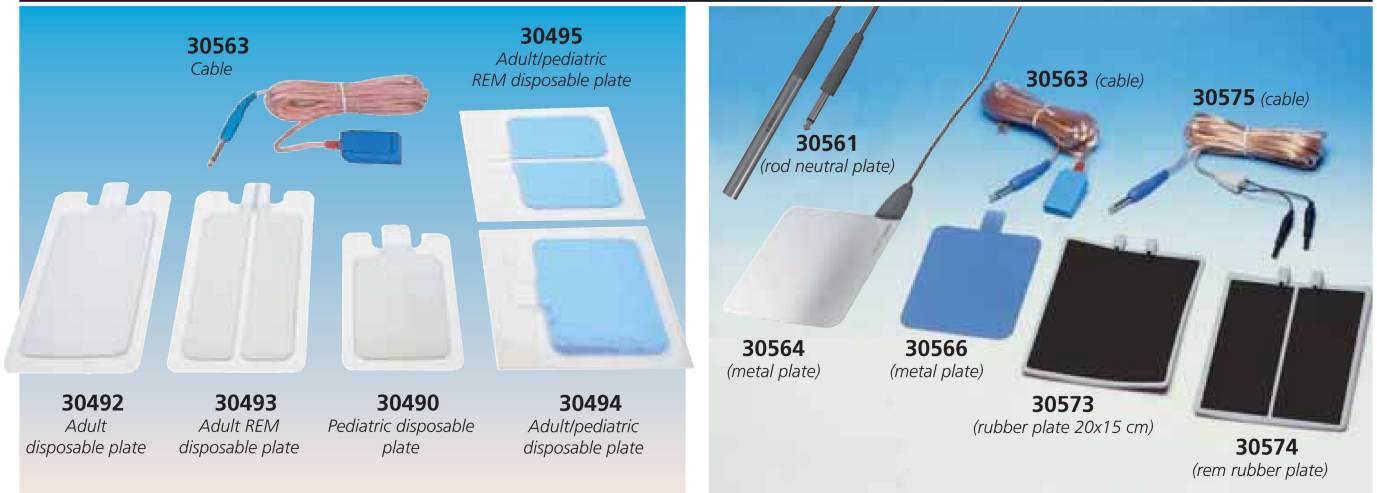
BIPOLAR CABLES FOR MAJOR BRANDS

Quality highly flexible silicone bipolar cables. Autoclavable at 134°C for minimum 20 times. 3 m long (10").

Recommended ETO sterilization for max extended life. Suitable for most generators, with connector for European or US forceps.

<p>30642 • 30642 BIPOLAR CABLE ADAPTOR</p>	<p>Connector to forceps</p>	<p>Connector to electrosurgical unit</p>	<p>Connector to forceps</p>	<p>Connector to electrosurgical unit</p>						
	GIMA Code	30632	30618	30640	30637	30643	30618+ 30642	30617	30644	30639
Connector to forceps	EU	US	EU	US	EU	US	EU	US	EU	EU
Compatibility brand/model	GIMA: MB 240 MB 380 VALLEY LAB, CONMED, CODMAN, OLYMPUS		GIMA: MB 120 F, MB 200 F, MB 200 D, MB 250, MB 300 D, MB 400 D LED: SURTRON 120, 200, 300, 400 VALLEY LAB, EMC, DOLLEY		GIMA: MB 122, MB 160, MB 200, MB 202		GIMA: MB 80 D, MB 120 D, MB 160 D LED: SURTRON 80, 120, 160		MARTIN BERCHTOLD AESCULAP WOLF	ERBE SELECT DOWNS SIEMENS

SINGLE USE, METAL AND RUBBER PLATES



- 30492 DISPOSABLE GROUND PADS WITH SOLID GEL - adult
- 30490 DISPOSABLE GROUND PADS WITH SOLID GEL - pediatric
- 30493 REM DISPOSABLE GROUND PADS WITH SOLID GEL - adult Adult ground plate with solid gel. Single use plate individually packed
- 30563 CABLE FOR PLATES - 5 m Universal cable to connect plates (30490-30495) to diathermo. Safety lock with universal connection - bipolar Ø 6.3 mm plug.
- 30494 DISPOSABLE NON WOVEN GROUND PADS - adult/ped
- 30495 REM DISPOSABLE NON WOVEN GROUND PADS - adult/ped

- 30573 RUBBER PLATE 20x15 cm - without cable
- 30574 REM RUBBER PLATE 20x15 cm - without cable
- 30575 CABLE FOR RUBBER PLATES
- 30566 METAL PLATE - without cable
- 30563 CABLE FOR PLATES - 5 m
- 30559 CABLE FOR PLATES - 2.5 m
- 30564 SURGEON NEUTRAL PLATE 16x12 cm - with cable
- 30561 ROD NEUTRAL PLATE with cable

3M ELECTROSURGICAL GROUNDING PADS WITH SAFETY RING

- 30496 3M 9160 SPLIT GROUNDING PAD - box of 100
 - 30497 3M 9160F SPLIT GROUNDING PAD - box of 200 (40 pouches of 5 pieces)
 - 30498 3M 9165 SPLIT GROUNDING PAD - pre-recorded - box of 40
- The 3M 9160, and 9165 Universal Grounding Pads all have a conductor area of 15 square inches and come with the patented 3M Green Safety Ring technology which allows them to perform the same as grounding pads that are up to 33% larger in conductor area. Green Ring allows adult and pediatric use.

In addition, they have fluid resistant, non-woven backing which allows heat to pass through up to 25% faster than foam, and they have no minimum age or weight limit.



30498
(3M 9165)

30496, 30497
(3M 9160)



SPIROTEL SPIROMETERS - BLUETOOTH OPTION

- 33471 SPIROTEL with WINSPIROPRO software
- 33472 SPIROTEL with Bluetooth and WINSPIROPRO software
- 33473 SpO₂ PROBE - adult - optional
- 33410 MOUTHPIECES int Ø 2,8 x ext Ø 3, h 6.5 cm



Manual and internal software languages: GB, FR, IT, DE, ES.

Size: 74x88x38 mm - Weight: 151 g



A pocket laboratory which integrates 4 devices in one:

- spirometer with touch screen display
- triaxial accelerometer with motion analysis for therapy monitoring
- intelligent 3D oximeter with on screen results (with 33473)
- e-diary for home care symptom control.

Compatible with Qualcomm Life 2 net Hub

TECHNICAL SPECIFICATION

Flow sensor: Bi-directional digital turbine
 Flow range: ±16L/s - ±3% or 50 mL
 Dynamic resistance: <0.5 cm H₂O/L/s
 Measured parameters: Reading on spirometer: FVC, FEV1, PEF, FEF 25/75
 Reading on PC with Winspiro PRO: same parameters as Spirobank G
 SpO₂ range: 0-100% ±2% (50-100% SpO₂)
 Pulse rate range: 20-254 BPM ±2BPM or 2%
 Data transmission: USB 2.0 or Bluetooth
 Memory capacity: Up to 10,000 tests - 300 hours oximetry (only with 33473)
 Power supply: Lithium-ion 3.7 V, 1100 mAh rechargeable, for 40 hours measurements

DISPOSABLE AND RE-USABLE TURBINES FOR MIR SPIROMETERS

- 33507 DISPOSABLE TURBINE WITH INTEGRATED MOUTHPIECE - box of 60
 Single patient use. Low cost and high accuracy. Individually packed to guarantee maximum hygiene. Easy to replace, no calibration needed. Compatible with GIMA codes: 33509, 33511-14, 33518-22, 33527-29, 33530, 33532, 33534.
- 33526 RE-USABLE TURBINE - bayonet
 Easy to replace, no calibration needed. Compatible with GIMA codes: 33511-14, 33518, 33520-22, 33528-32, 33534.



MOUTHPIECES FOR MOST SPIROMETER BRANDS

Paper mouthpieces (disposable) and plastic mouthpieces (re-usable for most brands of spirometers and peak flow. Paper mouthpieces are packed in individual transparent pouch.



GIMA PAPER MOUTHPIECES					
GIMA code	Sizes - cm Ø int x ext x h	Suitable for	Compatibility		Minimum order
			GIMA codes	Other brands	
33410	2.8x3x6.5	adult	33431, 33433, 33471-2, 33512-14, 33518-22, 33528-32, 33534	Micromedical Vitalograph, Mir	box of 500
33897				Ferraris (Koko legend) Cardiette (Pneumos 300)	dispenser of 100
33411	2.0x2.2x6	paediatric	33411	Micromedical Vitalograph, Mir	box of 250
33412	Plastic adapter		33411	Mir	-
33506	2.6x2.8x6.5	adult	33480, 33484-7	Sibel	box of 100
33494	1.9x2.1x7	paediatric	33486, 33487	Sibel*	box of 100
33890	2.5x2.7x7	adult	-	Fukuda Sangjo, Thor	dispenser of 100
33892	2.8x3.05x7	adult	-	Cosmed (Pony model)	dispenser of 100
33898	2.8x3.05x7	adult	-	Cosmed (Pony model)	box of 500
33895	3.03x3.3	adult	-	Sensormedics, Microgard	box of 500
33899	2.42x2.6	adult	-	Sorin Lifewatch, Fukuda Denshi	box of 500
GIMA PLASTIC MOUTHPIECES					
33432	1.7x2.1x5 2.7x3x5	adult/ped	33431, 33433	Ferraris	-
33691		adult	33682-4, 6, 8	Thor	box of 10

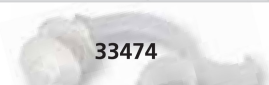
*Gimaspir A/B need adapter 33495

SPIROMETRY PAPERS

- 33492 MIR SPIROLAB PAPER - roll 112mm x 25m
 Suitable also for SIBEL DATOSPIR 120 B, C, D, DATOSPIR Touch and GIMASPIR 120 models B, C, D.
- 33893 COSMED PONY PAPER - roll 57 mm x 11 m - box of 5 rolls
- 33894 COSMED PONY FX PAPER - roll 112 mm x 13m - box of 25 rolls
 Compatible also with Fukuda Spirosift.
- 33250 THERMAL PAPER - roll 58 mm
 Suitable for SIBEL DATOSPIR 120 A and GIMASPIR 120-A.

NOSECLIP

- 33474 NOSE CLIP

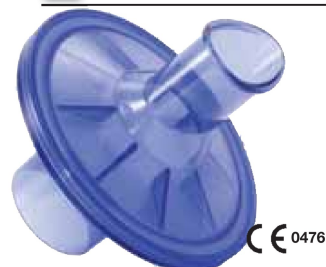


BACTERIAL FILTER

- 33525 BACTERIAL FILTER - box of 50 for MIR, Medisoft spirometers
- 33557 SPIROGUARD BACTERIAL FILTER - box of 50

Compatibility of Spiroguard
 Erich Jaeger GmbH
 Ferraris Medical - P.K. Morgan
 Sensormedics
 Vitalograph
 Masterlab and Masterscreen
 Autolink-Benchmark Transflo and USA Transfer System
 2200 - 2400 - 2450
 Wedge-Bellow-Alpha and Escort Spirometers

BACTERIAL FILTER - MOUTHPIECE FOR MOST SPIROMETER BRANDS



BACTERIAL FILTER - MOUTHPIECE
 Disposable filter with anatomical shape to prevent bacterial and viral contamination. Easy to use, direct connection to spirometer one side, patient mouthpiece other side. Suitable for most of spirometers and devices. Class II A. Individually packed in transparent bag. Made in Italy.

BACTERIAL FILTERS - MOUTHPIECES - box of 100				
GIMA code	Size - cm Ø int x ext	Compatibility with		Minimum order
		GIMA codes	Other brands	
33884	2.75x3	33341, 33433, 33471-2, 33509-14, 33518-22, 33528-32, 33534	Micromedical, Vitalograph, Mir, Ferraris (koko legend), Cardiette (Pneumos 300)	box of 100
33885	2.75x3.1	-	Cosmed	box of 100
33886	2.95x3.4	-	Customed, Jaeger	box of 100
33887	3.05x3.5	-	Sensormedics, BTL, Thor, Morgan, Chest, Microgard	box of 100
33888	3.4x3.6	-	Medical Graphics	box of 100
33889	2.5x2.7	-	Fukuda Sangjo	box of 100