

AIR COMPRESSION THERAPY SOLUTIONS

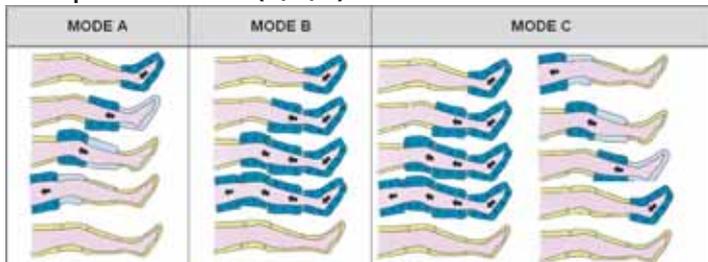
All human body is supplied by peripheral circulation of blood and lymph.

Our systems help patients to recover from their disease by improving blood and lymph circulation and metabolism.

Our systems consist of air chambers and an air pump offering air compression massage to legs, arms or waist.



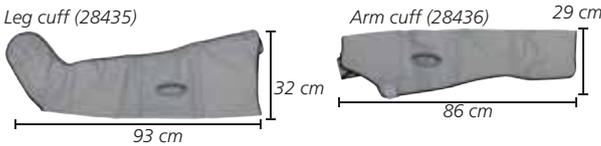
• **28430 MAYLEA GIMA DIGITAL COMPRESSION MASSAGE with 2 legs (98x38 cm) - 4 chambers, 1 single and 1 double hose and 2 plastic feet guides**
Skip function to choose directly the parts to be massaged. Fully digital management. Autocalibration functions. Manual: GB, FR, IT, ES. This system can operate with 3 compression modes (A, B, C).



TECHNICAL SPECIFICATIONS

- pressure sensor
- digital timer (10, 20, 30, 40 min)
- digital pressure gauge (10-180 mmHg)
- one touch connection hose plug
- body size: 190x250x210 mm
- body weight: 3 kg

- **28435 LEG 93x32 cm**
- **28434 LEG EXTENSION ZIPPER - 10 cm extra extension**
- **28440 DOUBLE HOSE - to use two leg cuffs at the same time - spare**
- **28436 ARM CUFF unique size - 86x29 cm**
- **28437 WAIST CUFF 130x38 cm**



• **28441 MK400L PROFESSIONAL COMPRESSION SYSTEM with 2 legs (XL), and 2 single hoses**
MK400L is a professional air compression therapy system with essential functions for different kinds of patients. This system provides 3 compression modes (wave, squeezing, double squeezing), reverse compression settings, skip functions to select directly part to be pressurized and compression speed controller. Touch key pad display. Manual: GB, IT, ES.

TECHNICAL SPECIFICATIONS

- Pressure range: 10-200 mmHg
- Automatic pressure detection
- Operating voltage: 220-240 V, 50/60 Hz, 50 VA
- Use time: 1-90 minutes
- Body size: 415x310x160 mm
- Body weight: 6.5 kg

You can use 2 cuffs at the same time, MK400 has 2 connection plugs



Medical indications

- DVT (Deep Vein Thrombosis)
- Lymph edema
- Post-paralytic
- Limb convulsion
- Venosclerosis
- Chronic venous insufficiency (CVI)
- Post-mastectomy
- Post-trauma
- Spinal cord injury
- Varicose veins
- Sciatica
- Sprains
- Diabetes
- Arterial insufficiency

Home care indications

- Lymph edema
- Diseases caused by interrupted blood circulation
- Cellulitis fat dissolution
- Pregnant woman's limb treatment
- Benumbed feet or hands
- Cold feet or hands
- Settlement of stress
- Exercise effects
- Insomnia
- Healthier body and elastic skin
- Old age, weakness and fatigue



Possibility to use 2 leg cuffs at the same time with double hose (code 28440)



PROFESSIONAL AIR COMPRESSION SYSTEM

- **28442 LEG CUFF L - 6 CHAMBERS - spare**
- **28443 LEG CUFF XL - 6 CHAMBERS - spare**
- **28444 LEG EXTENSION ZIPPER XL - 10 cm extra extension for 28443**
- **28445 SINGLE HOSE - spare**
- **28446 ARM CUFF - 6 CHAMBERS - universal**
- **28447 WAIST CUFF - 6 CHAMBERS - min-max girth 94-125 cm**

A mode (Wave)

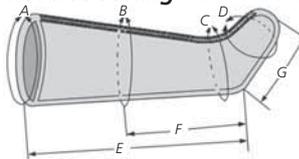
The selected air chamber inflates and deflates by one chamber sequentially from foot up to thigh.

B mode (Squeezing)

After all the selected air chambers inflate sequentially from foot up to thigh the inflated chambers deflate at once.

C mode (B mode two times + Reverse A mode 1 time)

The selected air chambers inflate and deflate by two chambers sequentially from foot up to thigh. **Reverse setting:** it allows to change automatically the selected mode to reverse mode.



Cuff Size	Leg dimension (cm)						
	A	B	C	D	E	F	G
L	64,0	49,5	40,5	34,5	75,0	38,0	28,0
XL	73,5	55,0	42,0	35,5	85,0	43,0	31,0

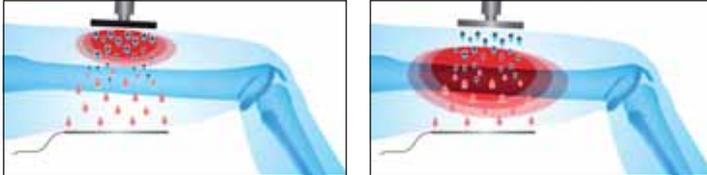
CR200 - PROFESSIONAL TECAR THERAPY

• 28364 CR200 TECAR THERAPY

Diathermy, also known as TECAR Therapy (meaning Capacitive and Resistive Energy Transfer), is a therapy stimulating the physiological healing process by accelerating the recovery time of motor function. Diathermy stimulates tissues endogenous heat production through the interaction of electromagnetic field and tissue. The heat is increased in a uniform controlled way. The electromagnetic interaction results in an ionic flow and consequently increases blood flow in the treated area. This process stimulates endogenous substances release (in particular cortisol and endorphins) that are necessary to reduce inflammations, pain and edemas. The new CR200 resistive/capacitive diathermy is a modern and highly performing device easy to use by professionals. Preset programmes help use the device from the start. Moreover the device can set parameters (power, time therapy, capacitive/resistive modes) according to therapeutic needs. It allows the memorization of customized programmes. In this way patient protocols are easily consulted by therapists at any time. Equipped with a wide graphic display showing therapy parameters and different working modes. Selectable software language (GB, FR, IT, ES).

• 33251 TECARTHERAPY CONDUCTIVE CREAM 1 I

Moisturizing conductive cream ideal for Tecar therapy.



Capacitive mode

Electrode coated with ceramic material (mobile) and return plate (fixed). Indicated especially for soft tissues (muscle mass and lymphatic/vascular system). Benefits: specific intervention; easy control of the treated area.

Resistive mode

Non isolated electrode (mobile) and return plate (fixed). Indicated especially for tissues with greater resistance (bones, joints, tendons, ligaments, cartilages). Benefits: high level of diathermy; chronic diseases with fibrosis and degeneration

STANDARD ACCESSORIES

- 1 multi-function probe for capacitive and resistive mode
- 2 electrodes Ø 35 mm (1 resistive + 1 capacitive) with 9.61 cm² effective working area
- 2 electrodes Ø 60 mm (1 resistive + 1 capacitive) with 28.26 cm² effective working area
- 1 integrated support for probe
- 1 steel plate
- Bottle of conductive cream 1 kg
- Power supply cable
- User Manual: GB, IT, ES, FR



28364

Capacitive electrodes

Resistive electrodes

Multifunction probe

Steel return plate

MAIN TREATMENTS

Skeletal-muscle pathologies
Chondropathy
Coxarthrosis

Lumbalgy, pubalgy and acute/chronic pain
Osteoarticular pathologies

24 REHAB PROGRAMMES

knee arthrosis, arthrosynovitis, bursitis, cervicalgia, patellar chondropathy, bruises, coxarthrosis, sprain, articular pain, oedema, epicondylitis, epitrochleitis, spinal disk hernia, plantar fasciitis, gonarthrosis, ACL, lymphedema, back pain, meniscopathy, neuropathy, periarthrits, muscle sprain, acute tendinitis, chronic tendinitis

10 SPORT PROGRAMMES

Muscle contractures, bruise, muscle stretching, sprain, haematomas, tendon injury, superficial massage, deep massage, muscle recovery, muscle sprain

TECHNICAL SPECIFICATIONS

- Power supply: 100-240 V, 50/60 Hz
- Max power consumption: 300 W (50 ohm load)
- Carrier frequency: 485 kHz
- Adjustable power: 0-100%
- Touch screen graphic display 7"
- Preset programmes, free memories

I-TECH LA 500 LASER THERAPY

• 28410 I-TECH LA 500 LASER THERAPY

Laser therapy device equipped with a new probe with an emitting diode that allows beam laser application directly to the treatment area.

I-TECH LA 500 is able to stimulate deep tissues by promoting a rapid cellular regeneration thanks to 500 mW power output and 810 nm wavelength. Professional user can adjust power output, therapy time and operation mode (continuous or pulse).

I-TECH LA 500 guarantees a fast intervention for the treatment of inflammatory and degenerative pathologies in orthopedic, neurologic and dermatologic area.

Thanks to its high performance healing time is significantly reduced. Supplied with probe, belts for probe fastening and safety glasses.

Manual in: GB, IT, FR, ES.



28410

LASER THERAPY

The laser therapy uses the effects of energy produced by the light source penetration into the tissues.

Biochemical reactions are activated across the cellular membrane.

It has been observed that right doses of Laser light can stimulate cellular functions, in particular into the cells damaged by functional deficits.

The main effects of Laser therapy are:

- improved blood flow: capillary and artery vasodilatation that results in local heat increase
- biostimulation: accelerated tissues repair, stimulation of protein synthesis, ADP production, electrolyte changes in the intra- and extra-cellular fluids and mitosis of fibroblasts, increase of collagen and elastin
- anti-inflammatory effect
- anti-oedema effect: lymphatic drainage stimulation
- analgesic effect

TECHNICAL SPECIFICATIONS

- Power supply: 230 V, 50-60 Hz, ±10%
- Maximum laser output: 500 mW ± 20%
- Adjustable laser power output: 0%-100%
- Laser diode wavelength: 810 nm
- Beam divergence angle: 260 mrad
- Continuous output emission
- Fixed emission frequency
- Fixed width duration
- Continuous or pulse mode of operation
- Pointing red light
- Diode probe (with reserved connection)
- Adjustable therapy time: 0-30 minutes
- Diameter of laser beam: <10 mm
- Dimensions: 300x150x120 mm

MAIN TREATMENTS

- Polyarthrits - Epicondylitis/Epitrochleitis - Knee pain - Myositis
- Oedema - Sciatalgy/Lumbago - Articular sprains - Chronic Tenosynovitis - Muscle strains - Overcharge pathologies - Ecchymosis - Bursitis - Degenerative arthritis - Adhesive capsulitis - Arthrosis pains - Post-traumatic disorders
- Scars - Rheumatic diseases

I-TECH UT2 - PROFESSIONAL ULTRASOUND THERAPY



- **28358 I-TECH UT2 ULTRASOUND THERAPY - 2 probes**
Professional ultrasound device equipped with 2 handles respectively with 5 cm² and 1 cm² probe. Its equipment and parameters setting allow high performance suitable for professional users.
It is provided with 10 preset programmes within which professional user can adjust following parameters:
 - Frequency (1 or 3 MHz)
 - Effective intensity (up to 3 W/cm²)
 - Duty cycle (10%÷100% stepping 10)
 - Therapy time (up to 30 minutes)

TECHNICAL SPECIFICATIONS

Operating voltage: 100-240 V, 47/63 Hz, 1.35A, output 15V 3A max
 Ultrasound frequency: 1 MHz ± 10% and 3 MHz ± 10%
 Output power: 0.5-10 W ± 20% when duty cycle ≥ 80% for 5 cm² ultrasound head
 0.5-15 W ± 20% when duty cycle ≤ 70% for 5 cm² ultrasound head
 0.1-2 W ± 20% when duty cycle ≥ 80% for 1 cm² ultrasound head
 0.1-3 W ± 20% when duty cycle ≤ 70% for 1 cm² ultrasound head
 Max Power: 3 W/cm² ± 20% (1 MHz); 3 W/cm² ± 20% (3 MHz)
 Working frequency: 100 Hz
 Duty cycle: 10%-100% stepping 10%
 Maximum adjustable therapy time 30 minutes
 Effective radiating area 5 cm² ± 20%; 1 cm² ± 20%
 Collimated beam type Ultrasound head (material) aluminium
 Direct contact and water immersion use
 Led indicator Size: 350x186x86 mm

APPLICATIONS

Tendinitis - Bursitis/Capsulitis - Hematomas and tissue reconstruction -
 Muscle contractures/Cramps - Neuralgias - Periarthritis - Cervicalgias -
 Sciatalgy/Lumbalgy - Carpal tunnel syndrome - Epicondylitis/epitrochleitis -
 Contusions/sprains - Chondropathy - Massage - Arms/abdomen/legs/gluteus
 cavitation - Acne

STANDARD ACCESSORIES

- 1 handle with 5 cm² probe
- 1 handle with 1 cm² probe
- 1 power supply cable
- 1 power supply 15 V, 3 A
- 1 ultrasound gel
- User manual: GB, IT, ES, FR

GIMA UT AUTOMATIC: ULTRASOUND THERAPY UNIT



- **28310 GIMA UT AUTOMATIC ultrasound therapy unit without head**



Automatic system for ultrasound therapy which can use ultrasound head with oscillation frequency from 1 MHz to 3 MHz. Pulse frequency is 2 pulses/second. Modulation degree is selectable from 10% to 100%, through a digital keyboard. It is provided with digital adjustment of intensity with numeric indication. Maximum output power is: 37.7 W (3 W/cm²). Luminous read-out for distributed power.

Gima UT is recommended for: ultrasound lipoclasia, sports medicine, arthritis, arthrosis, neuralgia and backpain. Supplied with power cord and user's manual. Made in Italy.

- **28312 1 MHz ULTRASOUND HEAD Ø 60 mm**
1 MHz frequency is recommended for physiotherapy.
- **28313 3 MHz ULTRASOUND HEAD Ø 60 mm**
3 MHz frequency is recommended for aesthetics.



TECHNICAL SPECIFICATIONS

Treatment time: programmable from 1 to 30 minutes
 Selectable pulse/time%: 10%-20%-30%-50%-100%
 Pulse frequency: 2 pulses/second Max. intensity: 3 W/cm²
 Operating voltage: 115/230 V - 50/60 Hz - switchable
 Electrical safety class I BF - Norms: EN 60601, EN 60601-2-5

GIMA UTC 2: COMBINED ULTRASOUND AND ELECTROTHERAPY UNIT

- **28301 GIMA UTC 2 AUTOMATIC**
UTC 2 is a programmable driver unit for ultrasound transducers with working frequencies from 1 up to 3 MHz together with 2 channels of electrotherapeutic current. UTC 2 delivers continuous or modulated ultrasound with programmable intensity and delivery time, suitable for thermo therapeutic deep treatment of different pathologic conditions. UTC 2 transducer handpieces can be used under water. UTC 2 delivers Dyadinamic, Faradic, Galvanic, Impulsive, T.E.N.S. and Bipolar electrotherapeutic currents.

- high brightness graphic touchscreen display
- intuitive icons interface
- controls of unit by multifunction knob, keys or touchscreen
- possibility to upgrade
- wide range of preset protocols
- customized programmes
- multi frequency handpieces
- automatic identification of the connected accessory
- continuous or pulsed delivery
- combined with electrotherapy
- sequence of treatment phases planning for each channel
- independent channels
- safety control blocks the output current in case of accidental disconnection of electrodes.

6 language software: GB, FR, IT, ES, DE, PT. Made in Italy.

- **28302 1-3 MHz ULTRASOUND HEAD Ø 15 mm**
- **28303 CONNECTING CABLE for electrotherapy - spare**
- **28304 CLIP RUBBER ELECTRODES 120x80 mm - box of 12**
- **28305 CLIP RUBBER ELECTRODES 45x60 mm - box of 12**
- **28323 VELCRO ELASTIC BAND 100x8 cm - spare**



Connecting cable for electrotherapy



28303

Standard 1-3 MHz ultrasound head Ø 35 mm



TECHNICAL SPECIFICATIONS

Output frequency (MHz): 1.0 to 3.0 Max output direct current (mA): 30
 Max intensity (W/cm²): 3.0 Max output pulse current (mA): 70
 ET channels: 2 Max output voltage (Vdc): 100
 Electrical input power (VA): 70 Power supply (Vac/Hz): 90-240 / 50-60

STANDARD ACCESSORIES

- 1-3 MHz ultrasound head Ø 35 mm
- Connecting cable for electrotherapy 1-2 (28303)
- 4 rubber electrodes 120x80 mm; 4 rubber electrodes 45x60 mm
- 3 velcro elastic belt: 8x40, 8x60, 8x100 cm Power cable 2 m

T-ONE COACH AND T-ONE MEDI SPORT - 4 CHANNELS ELECTROTHERAPY

• 28401 T-ONE COACH ELECTROTHERAPY - 4 channels

A high performant muscle stimulator designed to improve your physical activity. Thanks to easy to use programs, it represents the ideal device for not professional athletes and for sports lovers in general. It is not only a muscle stimulator equipment. It is supplied by TENS protocols for pain relief and injuries recovery.

• **28402 T-ONE MEDISPORT ELECTROTHERAPY - 4 channels**
Professional equipment specifically designed for sport specialist users. Thanks to its muscle stimulation specialized programs it improves the sport performance. It is not only intended to increase your strength, it helps the recovery of sport injuries with specific treatment protocols.

Main features

- constant current generator (can guarantee a constant current even when skin condition changes, the device automatically stops in the event of accidental electrodes disconnection)
- four independent channels unit (up to 8 connectable electrodes)
- compensated biphasic square wave: current quantity from positive pole to negative one is constant to avoid polarization effect;
- monophasic wave generator (only for iontophoresis programs)
- 2+2 users programs
- backlight graphic colour display
- user feedback: the device recognizes patient connection
- soft-touch easy to use keyboard
- on-line 5 languages guide (GB, FR, IT, ES, DE) on display for fast instructions
- 4,8 V rechargeable battery pack

Size: 150x90x35 mm



28401

28402

- personalized programs for man and woman
- maximum intensity 240 mApp, with 1 mA step regulation
- **28351 PRE GELLED ELECTRODES 40x40 cm with cable - box of 4**
- **28373 PRE GELLED ELECTRODES 45x80 cm with cable - box of 4**
- **28381 IONOPHORESIS KIT - spare**
(1 elastic band, 2 silicone conductive electrodes, 2 sponges)

STANDARD ACCESSORIES

4 connection cables (8 connectable electrodes)
Kit of pre-gelled self-adhesive electrodes (square, rectangular, round)
Iontophoresis kit: elastic belt, 2 silicone electrodes, 2 sponges, carrying bag (28402 only)
Internal Ni-Mh rechargeable battery pack and battery charger
Electrode position manual and user manual (GB, FR, IT, ES). On request DE

BEAUTY 18 programmes 28401 and 28402	REHA 10 programmes only 28402	TENS 16 programmes 28401 and 28402	NEMS 14 programmes 28401 and 28402	MEM Only 28402	2+2 28401 and 28402
Firming up Toning up Definition Modelling Microlifting Lipolysis abdomen Lipolysis thighs Lipolysis glutei and hips Lipolysis arms Tissue elasticity Capillarization Heaviness in legs Face Microlifting Handy Trode Breast Microlifting Handy Trode Décolleté Microlifting Handy Trode Face Wrinkles Handy Trode Forehead Wrinkles Handy Trode Collagen	Ionophoresis L Ionophoresis M Ionophoresis H MENS microcurrent Haematomas Oedema Tens sequential Tens Burst Atrophy prevention Atrophy	Tens rapid Tens endorphinic Tens max values Inflammatory Neck pain Backache/Sciatic pain Sprains/Bruises Vascularization Muscle relaxant Hand and wrist pain Plantar stimulation Epicondylitis Epitroclea Periarthritis Tens Burst Microcurrent	Warming up Resistance Resistance strength Basic strength Fast strength Explosive strength Deep capillarization Muscle recovery Agonist/Antagonist Sequential tonic contractions Sequential phasic contractions Muscle relaxant Deep massage EMS Only 28402 30' Resistance 30' Resistance strength 20' Basic strength 20' Fast strength 20' Explosive strength 20' Hypertrophy	Tens mem 1 Tens mem 2 Tens mem 3 Tens mem 4 Tens mem 5 NEMS mem 1 NEMS mem 2 NEMS mem 3 NEMS mem 4 NEMS mem 5 NEMS alternated NEMS alternated Battery test	Tens rapid Tens endorphinic Firming up Toning up Definition Modelling Microlifting Muscle relaxant Massage Capillarization Only 28402 Inflammatory Resistance, Resistance strength Basic strength, Fast strength Explosive strength, Hypertrophy Face Microlifting Handy Trode Breast Microlifting Handy Trode Décolleté Microlifting Handy Trode Face Wrinkles Handy Trode Forehead Wrinkles Handy Trode

MIO-SONIC ULTRASOUND THERAPY DEVICE - 9 PROGRAMS

• 28309 MIO-SONIC ULTRASOUND THERAPY

Innovative and high performance device both for home use and professional use. It combines compactness and high performances in a small, light and easy to use applicator. The lightness and handiness allows a continuous use without any difficulty.

Mio Sonic can be used for the following applications:

- pain therapy;
- sport injuries;
- aesthetic treatments.

Supplied with gel bottle, carrying and storage bag, medical power supply and multilanguage manual:
GB, FR, IT, ES. On request DE.



28309

TECHNICAL SPECIFICATIONS

9 programs;
1 MHz ultrasound, maximum output power 6.4 W, maximum intensity 1.6 W/cm²;
Collimated ultrasound beam for an optimal penetration beam;
3 ultrasound beam intensity levels 0,08 W/cm² (low) - 0,8 W/cm² (medium) - 1,6 W/cm² (high);
Medical power supply;
Direct contact device (not suitable for water immersion)
Size-weight: 200x47x69 mm - 190 g



CE 0476

TREATMENTS

Osteoporosis	Periarthritis	Adhesions	Muscular contractures	Arms cavitation
Arthritis	Tendinitis	Algodystrophy	Cramps	Abdomen cavitation
Neuralgias	Pubalgy	Bursitis	Massage	Limb cavitation
Cervicalgias	Tallonitis	Brachialgy	Drainage	Gluteus cavitation
Sciatalgy	Contusions	Capsulitis	Modelling	Lumbalgy
Sprains	Chondropathy	Stretch marks	Carpal Tunnel	Hematoma
Cruralgy	Microlifting	Epycondylitis	Oedema	Acne
Wrinkles	Epitrochleitis	Lymphedema	Venous stagnation	Phonophoresis

ORTHOMAG LOW FREQUENCY MAGNETOTHERAPY - 2 PROGRAMMES

- Osteogenesis
- Biostimulation
- Pain management



28298



• **28298 ORTHOMAG low frequency magnetotherapy kit**
A professional low frequency magnetotherapy (PEMF) device that can be used everywhere. Lightweight, comfortable and flexible, fitting your body shape. Battery powered for dynamic use or power socket for use at home or in the office. Orthomag includes 2 programmes (75 Hz and 50 Hz) indicated for bone tissue pathologies, joint diseases and pain management. Up to 25 Gauss per programme. Supplied with rechargeable lithium battery 3.7 V 900 mAh, wall mount charger (cable 1.5 m), universal flexible applicator (cable 1.5 m), test emission magnet, 2 elastic bands (S and L), carrying bag, manual (GB, FR, IT, ES). On request DE.

In motion magnetotherapy



MAG 700 LOW FREQUENCY, HIGH INTENSITY MAGNETOTHERAPY



28296

• 28296 MAG 700 MAGNETOTHERAPY - 1 channel

New portable magnetotherapy ideal for home therapy. MAG 700 offers a high level of professional performances and it's indicated for several pathologies.

It allows comfortable home therapy through its basic accessories.

MAG 700 has 7 pre-set programmes for the treatment of several pathologies, 3 programmes identified by the working frequency (from 5 to 20 Hertz) and an Autoscan programme with continuous frequency variation for the treatment of both hard and soft tissues at the same time.

Possibility to adjust the magnetic field intensity for all programmes up to 70 Gauss.

Working frequencies are between 5 and 100 Hertz.

Supplied with elastic therapeutic belt with 2 solenoids, power supply, carrying bag and manual (GB, FR, IT, ES).



28296

11 PROGRAMMES		
7 pre-set programmes	3 working freq.+autoscan	
Osteoarthritis	5 Hz	Autoscan
Osteoporosis	10 Hz	
Arthritis	20 Hz	
Fractures		
Articular pain		
Muscle pain		
Anti-inflammatory		

MAG 2000 LOW FREQUENCY, HIGH INTENSITY MAGNETOTHERAPY



28300

Size:

180x110x50 mm

• 28300 MAG 2000 MAGNETOTHERAPY - 2 channels - 300 Gauss 28311

• 28311 MAG 2000 PLUS MAGNETOTHERAPY - 2 channels - 400 Gauss

Ideal devices for domiciliary and professional magnetotherapy.

35 programmes: 20 pre-set programmes for the treatment of several pathologies, **14 programmes** identified by the working frequency (from 1 to 100 Hertz) and an **Autoscan** programme with continuous frequency variation for the treatment of both hard and soft tissues at the same time.

MAG2000 PLUS has also the possibility to store **10 user memories**, choosing the frequency up to 120 Hz, intensity and therapy time: a great possibility for the professional user who need to use a specific treatment for each patient. Possibility to set the intensity of magnetic field for all the programmes up to **300 Gauss (150 Gauss each channel)** for MAG 2000 or up to **400 Gauss (200 Gauss each channel)** for MAG 2000 Plus to easily treat different body parts through elastic therapeutic belt with 3 solenoids.

Operating power 110-240 V.

Supplied with elastic therapeutic belt with 3 solenoids

couple of professional solenoids (28311 only), power supply, carrying bag and manual (GB, FR, IT, ES). On request DE.

• 28299 ELASTIC THERAPEUTIC BELT - spare

Belt with cable with 3 solenoids for low frequency treatments.

• 28316 COUPLE OF PROFESSIONAL SOLENOIDS

Couple of professional solenoids Ø 11 cm for high intensity therapy.



Couple of professional solenoids

Elastic therapeutic belt

35 PROGRAMMES (28300) - 45 PROGRAMMES (28311)			
20 pre-set programmes		14 working freq.+autoscan	
Osteoporosis	Intercostal Contusion	1 Hz	50 Hz
Arthrosis	Lumbalgy	3 Hz	60 Hz
Arthritis	Lumbar pain	5 Hz	70 Hz
Cervical arthrosis	Shoulder arthrosis	10 Hz	80 Hz
Articular pain	Knee arthrosis	15 Hz	90 Hz
Cervical pain	Periarthritis	20 Hz	100 Hz
Sprains	Coxarthrosis	30 Hz	Autoscan
Fractures	Muscular Atrophy	40 Hz	
Epicondylitis	Muscular contracture		
Epitrocleitis	Osteonecrosis		
		10 memories (28311 only)	

OSTEOMAT 2000: MATTRESS FOR LOW FREQUENCY MAGNETOTHERAPY TREATMENTS

• 28307 OSTEOMAT 2000 MATTRESS FOR MAGNETOTHERAPY

Osteomat has 4 sectors (2 active and 2 passive) linked with velcro straps to create a real mattress.

The two active sectors allow the biostimulation of a wide body part through 6 professional solenoids. The two passive sectors create a planar surface where patient can lay down.

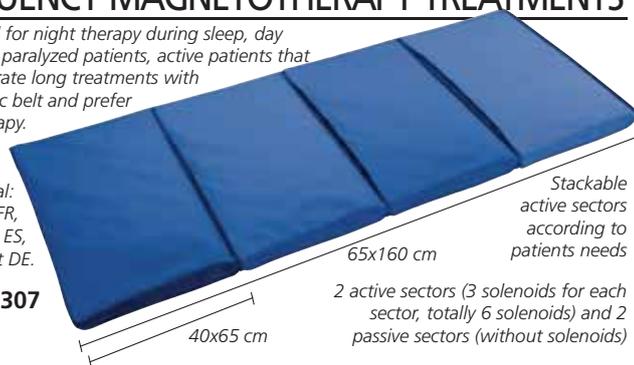
Each active sector can be personalized according to therapeutic needs by choosing solenoids positions.

The basic configuration of Osteomat 2000 stimulates the body zones (shoulders, column, pelvis) that are more affected by bone mass reduction. This is typical of osteoporosis disease. Suitable for MAG 2000 and MAG 2000 PLUS programmes.

Suggested for night therapy during sleep, day therapy in paralyzed patients, active patients that don't tolerate long treatments with therapeutic belt and prefer night therapy.

Manual: GB, FR, IT, ES, on request DE.

28307



Stackable active sectors according to patients needs

65x160 cm

40x65 cm

2 active sectors (3 solenoids for each sector, totally 6 solenoids) and 2 passive sectors (without solenoids)

MT BASE: MAGNETOTHERAPY

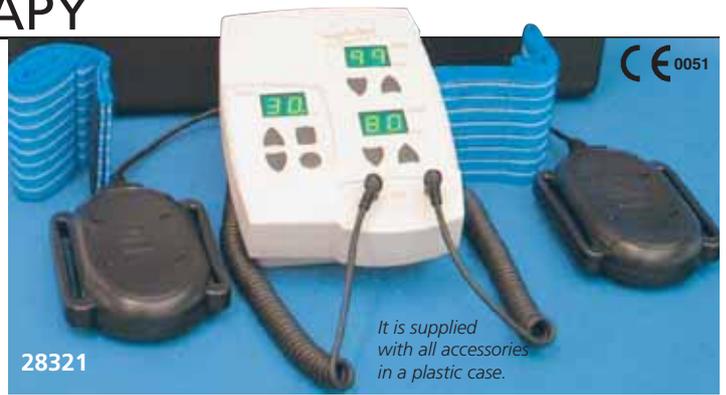
• 28321 GIMA MT BASE PLUS - magnetotherapy

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

- 28322 PLATE TRANSDUCER 70x120 mm - spare
- 28323 VELCRO ELASTIC BAND 100x8 cm - spare

STANDARD ACCESSORIES

Power cable	1 velcro elastic band 100x8 cm
2 plate transducers 80 gauss - 120x70 mm	ABS carrying case
1 velcro elastic band 60x8 cm	Manual (GB, IT)



TECHNICAL SPECIFICATIONS

Waveform: square	Intensity of magnetic field: 80 Gauss (8mT)
Max. ratio emission/pause: 50%	Operating voltage: 230V/50-60 Hz
Selectable magnetic field from 10 to 80 Gauss	Size: 193x138x68 mm
Selectable frequency: from 10 to 99 Hz	Weight: 1 kg
	Safety class: II BF - Norms: EN60601-1 (CEI)

IONO BASE PLUS - GALVANIC IONOPHORESIS

• 28306 IONO BASE - PLUS - 2 channels

Local administration of medicines by ionophoretics, electric osmosis and treatment of hyperhidrosis (sweating disease) and cellulitis. Current generator for hydro galvanization, aesthetic shaping and against cellulitis slight blemish. Microprocessor controlled, with selection of parameters and internal programs. Simple and safe to use, although it maintains characteristics of a professional equipment. Made in Italy.

- 28335 RUBBER ELECTRODES 50x50 mm - box of 10
- 28336 SPONGE BAGS for electrodes 50x50 mm - box of 10

TECHNICAL SPECIFICATIONS

Operating Voltage: 230 V - 50/60 Hz	Size: 138x68x193 mm
Absorbed Max Power: 10 VA	Max Output Current: 20 mA
Safety class: II BF - C ϵ 93/42/EEC. Made in Italy.	

Supplied with ABS case, velcro elastic bands, rubber conductive electrodes 80x120 mm and 50x50 mm and envelopes sponges for electrodes.



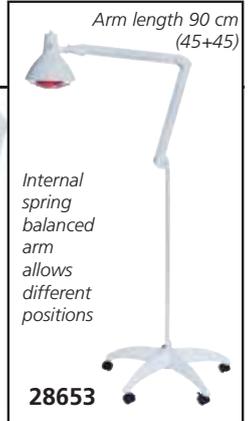
INFRARED THERAPY LAMP - 250 W

- 28652 INFRARED THERAPY LAMP - 250 W - desk with table clamp
- 28653 INFRARED THERAPY LAMP - 250 W - trolley

The infrared light relieves the suffering caused by sore muscles and joints ankylosis. The comfortable warmth created by infrared light penetrates deep into the skin, stimulates blood circulation and warms the muscles. While the muscles are relieved, they automatically stretch and relax. At the same time, the blood circulation helps your body get rid of impurities and quickly sends oxygen-rich blood to stressed or aching muscles, causing an effective pain relief. Class II Electric.

- 28654 SPARE BULB - 250 W

Head \varnothing 21 cm



INFRAREX: THERAPEUTIC HEATING DEVICE

- 28650 INFRAREX 230 V - 50/60 Hz
- 28651 SPARE BULB 7.5 W

Infrarex is a modern scientifically electronic therapeutic heating device which provides deep, infrared heat that can penetrate far below the surface of the skin to produce a shooting, comforting effect upon the nerves. It relieves muscular tension, reduce inflammation and provides pain relief without medication for many conditions such as: arthritis, bursitis, sinusitis, tennis elbow, back ache, neuralgia, muscular pains, aches, sprains, and other musculoskeletal aches. **Infrarex provides pain relief without medication**, you will experience pain relief within 10-15 minutes. No concern for side effects, simple to be used.



MOMERT INFRARED LAMP 100 W

• 28648 MOMERT INFRARED LAMP 100 W

The lamp's deep penetrating infrared heat relaxes the muscles and stimulates the blood circulation. The pleasant heat expands the capillary veins, resulting in a better oxygen and nutrition supply to the tissues. Can be used for rheumatic diseases, allergies, cold diseases, alternative medicine (detoxification), beauty care.

Operating voltage: 230 V - 50 Hz.

- 28649 SPARE BULB - 100 W Philips

Multilanguage manual and box (GB, FR, IT, ES, PT, DE, HU, SK, LV, CZ, EE, PL, RU, BG).



Box size 185x140x225 mm

28648



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 with cable, belt clip, 4xAAA size batteries, user manual (GB, FR, IT, DE, ES) in a carrying bag.

Digital keyboard



CE 0476



28355

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 µs width impulse
- power supply 4 batteries AAA Size
- weight: 85 g (without batteries)

GIMA TENS - ELECTRICAL MUSCLE STIMULATORS

Size: 128x56x16 mm
LCD size: 48x25.4 mm
Weight: 67 g

Manual: GB, FR, IT, ES, DE, PT, GR, PL.

Size: 162x10.7x120 mm
LCD size: 31x37 mm
Weight: 200 g

4 CHANNELS
30 PROGRAMMES

28342



• 28342 GIMA 9 TENS - 2 channels

Pocket TENS with 9 programmes and 2 channels. 9 adjustable intensities.

Relieves muscle pain and stimulates blood circulation.

Frequency: 2-80 Hz.

Supplied in a nylon bag with 2AAA batteries and 4 electrodes.

- 28351 GELLED ELECTRODES 40x40 mm - pack of 4 - spare
- 28343 CABLES - pack of 2 pcs - spare

28365



Manual: GB, FR, IT, ES, PT.

• 28365 GIMA 30 TENS - 4 channels

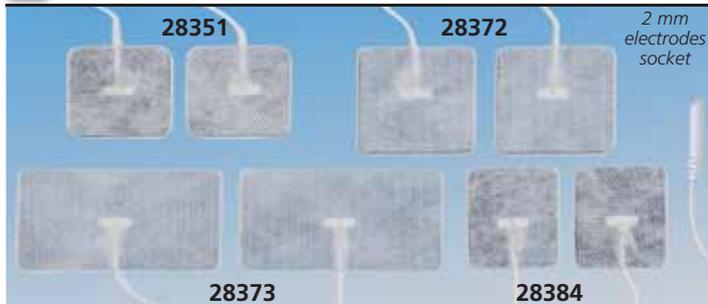
Portable electrical muscle stimulator with 4 channels and 30 programmes. Backlit LCD display.

Frequency: 2 to 2000 Hz

Supplied in a nylon bag with 4AA batteries and 8 electrodes

- 28366 ELECTRODES - pack of 8 - spare
- 28367 CABLES - pack of 4 pcs - spare
- 28368 AC ADAPTOR - 230V - 50Hz

DISPOSABLE GELLED ELECTRODES FOR ELECTROTHERAPY

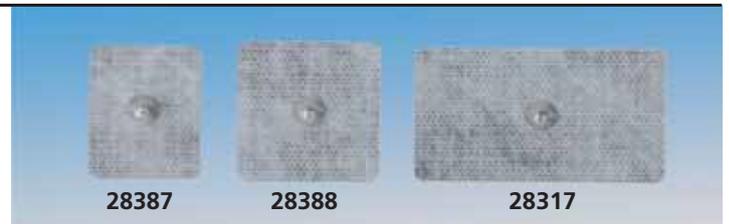


2 mm electrodes socket

DISPOSABLE GELLED ELECTRODES WITH CABLE - latex free

High material flexibility allows easy application of electrodes on treated areas. Solid gel maintains the electrode adhesion and conductivity unchanged during procedure. The electrodes are equipped with 10 cm long cable, with 2 mm socket.

- 28384 GELLED ELECTRODES with cable 45x35 mm - bag of 4
- 28351 GELLED ELECTRODES with cable 40x40 mm - bag of 4
- 28372 GELLED ELECTRODES with cable 46x47 mm - bag of 4
- 28373 GELLED ELECTRODES with cable 45x80 mm - bag of 4



DISPOSABLE GELLED ELECTRODES AND ADAPTORS - latex free
High material flexibility allows easy application of electrodes on treated areas. Solid gel maintains the electrode adhesion and conductivity unchanged during procedure.

- 28387 GELLED ELECTRODES 45x35 mm - bag of 4
- 28388 GELLED ELECTRODES 46x47 mm - bag of 4
- 28317 GELLED ELECTRODES 45x80 mm - bag of 4
- 28390 2 mm CLIP ADAPTORS - black - box of 10
- 28391 2 mm CLIP ADAPTORS - red - box of 10
- 28392 4 mm CLIP ADAPTORS - black - box of 10
- 28393 4 mm CLIP ADAPTORS - red - box of 10

ADAPTORS



LATEX-FREE RESISTIVE EXERCISE BANDS

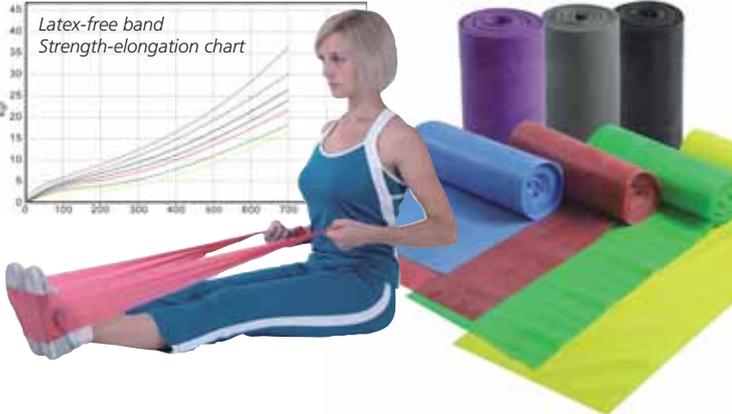
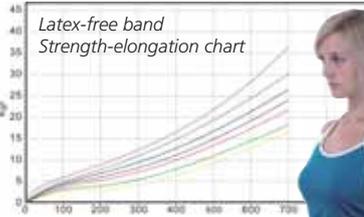
Latex-free bands available in 7 colour-coded levels of resistance and 3 lengths (1.5, 5.5 and 45 m). These reliable and effective bands are ideal to improve strength, range of motion.

Use of these bands for resistive exercise provides force on the muscles. Excellent for upper and lower body therapy.

Latex-Free Exercise Bands provide the same benefits as regular bands.



Latex-free exercise bands - 1.5 m



GIMA Code	LATEX FREE EXERCISE BANDS - 1.5 m	
47000	Latex-free band 1.5 m x 14 cm x 0.20 mm	●
47001	Latex-free band 1.5 m x 14 cm x 0.25 mm	●
47002	Latex-free band 1.5 m x 14 cm x 0.30 mm	●
47003	Latex-free band 1.5 m x 14 cm x 0.35 mm	●
47004	Latex-free band 1.5 m x 14 cm x 0.40 mm	●
47007	Set of 5 latex-free bands (1x5 levels) 1.5 m x 14 cm mix	
LATEX FREE BANDS - 5.5 m		
47010	Latex-free band 5.5 m x 14 cm x 0.20 mm	●
47011	Latex-free band 5.5 m x 14 cm x 0.25 mm	●
47012	Latex-free band 5.5 m x 14 cm x 0.30 mm	●
47013	Latex-free band 5.5 m x 14 cm x 0.35 mm	●
47014	Latex-free band 5.5 m x 14 cm x 0.40 mm	●
47015	Latex-free band 5.5 m x 14 cm x 0.50 mm	●
47016	Latex-free band 5.5 m x 14 cm x 0.60 mm	●
LATEX FREE BANDS - 45 m		
47020	Latex-free band 45 m x 14 cm x 0.20 mm	●
47021	Latex-free band 45 m x 14 cm x 0.25 mm	●
47022	Latex-free band 45 m x 14 cm x 0.30 mm	●
47023	Latex-free band 45 m x 14 cm x 0.35 mm	●
47024	Latex-free band 45 m x 14 cm x 0.40 mm	●

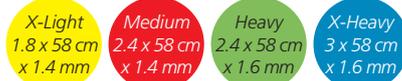


LATEX TONE LOOPS

• 47040 SET OF 4 TONE LOOPS

The closed-loop flat band fits comfortable around the upper and lower legs. It helps to exercise the muscles of hips and legs.

Set includes 4 below loops: each in a different colour-coded level.
 Tone loop 18 mm x 58 cm x 1.4 mm
 Tone loop 24 mm x 58 cm x 1.4 mm
 Tone loop 24 mm x 58 cm x 1.6 mm
 Tone loop 30 mm x 58 cm x 1.6 mm



EXERCISE MATS

• 47070 EXERCISE MAT 180x60xh 1.6 cm - light blue

• 47080 EXERCISE MAT WITH HANG RING - 180x60xh 1.6 cm - green

Thick mats with sponge-like foam structure offer comfortable feeling. The closed-cell foam structure resists moisture. Easy roll for storage.



This model has 2 rings to allow hang on the wall or on the rack

RESISTIVE EXERCISE TUBING

Tubing is an affordable and convenient training tool which provides effective upper and lower-body workout. Elastic properties for resistive and strengthening exercise.

Latex exercise tubing 47063



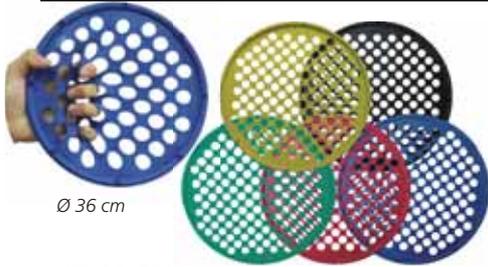
Available also with two pre-attached durable foam covered handles for comfort and grip. 5 colour-coded resistance levels available.



GIMA Code	LATEX EXERCISE TUBING	Thickness	Strength	Length
47060	Latex tube	1.5 mm	●	25 m
47061	Latex tube	2 mm	●	25 m
47062	Latex tube	2.5 mm	●	25 m
47063	Latex tube	3 mm	●	25 m
47064	Latex tube	3.5 mm	●	25 m

GIMA Code	LATEX TUBE WITH TPR HANDLES	Strength	Length
47050	Latex tube with TPR handles	●	125 cm
47051	Latex tube with TPR handles	●	125 cm
47052	Latex tube with TPR handles	●	125 cm
47053	Latex tube with TPR handles	●	125 cm
47054	Latex tube with TPR handles	●	125 cm

HAND/FINGER/WRIST EXERCISERS



Ø 36 cm

- 47130 GRIP TRAINER - X-light
 - 47131 GRIP TRAINER - light
 - 47132 GRIP TRAINER - medium
 - 47133 GRIP TRAINER - heavy
 - 47134 GRIP TRAINER - X-heavy
- Releases typing and mousing tension. Improves hand and finger flexibility. Excellent for finger and wrist strengthening and rehabilitation.



38 mm 320 mm

- 47170 TPR FLEX BAR - light
 - 47171 TPR FLEX BAR - medium
 - 47172 TPR FLEX BAR - heavy
- Flex bar is a flexible, durable resistance device with ridge surface for enhanced grip during use. It is used to improve grip strength by bending, twisting or vibrating.



- 47160 SET OF 3 FINGER EXERCISERS
- Unique design for rehabilitation, excellent stress-reliever for users. Simply insert fingers into circles and stretch. Multiple resistance level available, set of light, medium and heavy resistance.



- 47180 POWER GRIP - light
 - 47181 POWER GRIP - medium
 - 47182 POWER GRIP - heavy
- Develop finger flexibility, strength and coordination. Increase hand, wrist and forearm strength. Improve the injured finger recovery.



- 47140 SQUEEZE EGG - X-soft
 - 47141 SQUEEZE EGG - soft
 - 47142 SQUEEZE EGG - medium
 - 47143 SQUEEZE EGG - firm
 - 47144 SQUEEZE EGG - X-firm
- These gel-filled eggs offer variable resistance training for hands and fingers. Help grip strengthening and reduce stress.



- 28790 HAND GRIP METER - plastic
- Indicator remains at maximum until reset and is calibrated 0-75 kg. Size 20x15 cm. Sold in a blister. Manual in: GB, FR, IT, ES.

BALANCE AND WEDGE CUSHION



47090

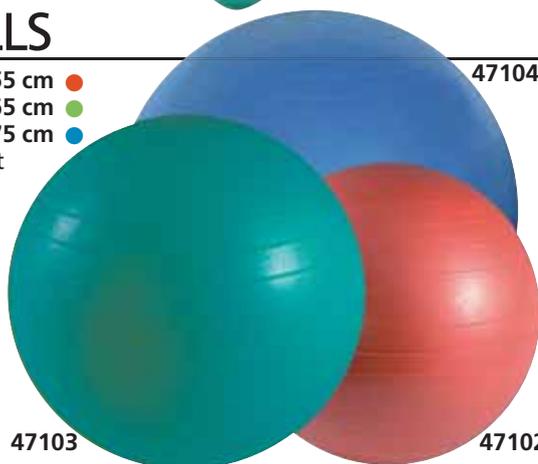


47095

- 47090 BALANCE CUSHION
 - 47095 WEDGE CUSHION
- Non allergic, non toxic air filled cushions made of soft, pliable material free of latex, PVC, phthalates and chloride. Both have two surfaces: smooth and bubbled which provide two kinds of user experience. Great for improving intramuscular coordination as well as balance training ergonomic sitting and rehabilitation.

RESISTANT BALLS

- 47102 BURST RESISTANT BALL - Ø 55 cm
 - 47103 BURST RESISTANT BALL - Ø 65 cm
 - 47104 BURST RESISTANT BALL - Ø 75 cm
- Designed for dynamic workouts that incorporate moderate level of resistance. Deflate slowly if punctured. 300 lb burst resistance level.

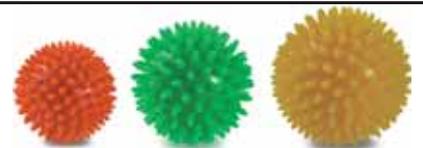


136 kg burst resistance level

47103

47102

MASSAGE BALLS



- 47120 MASSAGE BALLS
- Set of 3 massage balls Ø 6, 7, 8 cm



NASAL WASH



28083

28084

- 28083 SINUS C SALINE NASAL SPRAY 20 ml - for children - box of 48
 - 28084 SINUS A NASAL WASH - for adult - bottle 120 ml + 12 saline sachets
- Nasal wash helps to remove the sinus symptoms such as runny nose, nasal dryness and nasal congestion. By performing a nasal wash, you can remove particles such as pollen and dust in order to reduce the mucous membranes inflammation and make it more resistant to allergies.

HUMI-RAINBOW

Mist output can be adjusted in direction (360° rotative head) and speed (adjustable knob)



28070

- 28070 HUMI-RAINBOW HUMIDIFIER A cold-mist ultrasonic humidifier with an attractive design and chromatic 7-led colours change
- 28071 BALSAMIC ESSENCE - pine
- 28072 BALSAMIC ESSENCE - citrus



TECHNICAL SPECIFICATIONS

Power feeding: AC 110-240V / 50-60 Hz
 Max mist output: 280 ml/h
 Water Tank capacity: 2.8 l
 Suitable for room size: min 10, max 25 m²
 Max operating hours (non-stop): 10 hours
 Size (individual box): Ø 19xh 30 cm - Weight: 1.4 kg

VAPINAL INHALER

Bottle not included



Carrying handle

Steam nebulizer with adjustable position

CE 0123

- 28110 VAPINAL THERMAL WATER INHALER Warm jet mineral water inhaler ideal for home spring water inhalation treatment. It delivers hot humid steam through a nozzle working with the Venturi system and mixing the steam with the principles of thermal water. Equipped with stainless steel boiler working with resistance at 230V-50 Hz. Supplied with polycarbonate ampulla. Made in Italy.
- 28112 VAPINAL AMPULLA - spare part

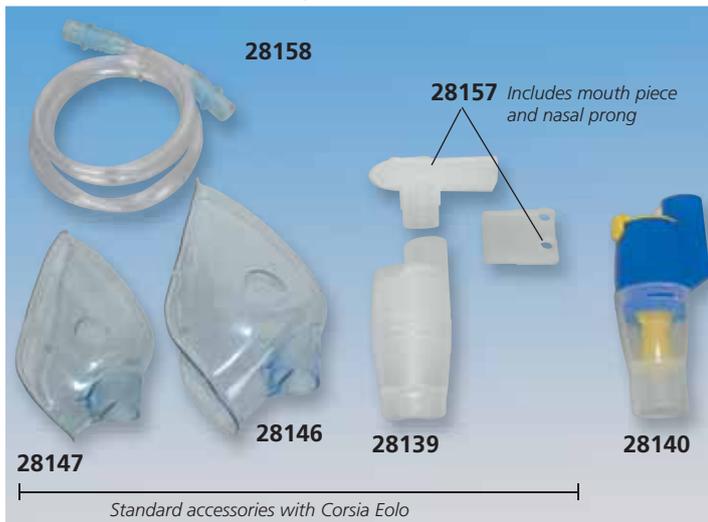
TECHNICAL SPECIFICATIONS

Capacity: 800 ml
 Steam boiler in stainless steel
 Security valve and thermostat
 Operating voltage: 230 V - 50 Hz - 600 Watt
 Heating time: 5-8 min
 Inhalation time (for 1 l): 12-15 min

ACCESSORIES FOR ANY BRAND OF NEBULIZER

ACCESSORIES FOR NEBULIZER

Gima offers different nebulizer bulbs with their line of accessories, suitable for any brand of nebulizer.



28158

28157 Includes mouth piece and nasal prong

28147

28146

28139

28140

Standard accessories with Corsia, Eolo

GIMA code	NEBULIZER ACCESSORIES	To be used with
Standard accessories with Famiglia, Corsia, Eolo		
28158	PVC connection tube - 1m	all nebulizers
28139	Nebulizer bulb	all nebulizers
28146	Facemask - adult* - replaces 28143	bulb 28139/28140
28147	Facemask - paediatry* - replaces 28144	bulb 28139/28140
28157	Mouthpiece - nasal prong	bulb 28139/28140
28138	Nebulizer kit	all nebulizers
	adult and pediatric facemask, pvc-tube, bulb, nasal prong, mouthpiece	
28140	Nebulizer bulb	all nebulizers

*With elastic

FASTERJET BULB

with Valve System

A new designed Jet Nebulizer capable of delivering any medication in a very short time with a high amount of respirable particles. The Valve System makes therapy extremely efficient by reducing the amount of wasted medication while optimizing the output to the patient.

TECHNICAL SPECIFICATIONS FASTERJET

Capacity: 16 ml
 Neb rate: 0.60 ml/min
 Respirable volume: <5 µm 80%
 Residual volume: 0.8 ml
 MMAD (Mass Median Aerodynamic Diameter): 2.7 µm

Fasterjet bulb: For delivering any medication in a very short time

28163 + 28165



28164

28166

28168

28169

28145

GIMA code	NEBULIZER ACCESSORIES	To be used with
28163	Fasterjet bulb* with Valve System	all nebulizers
28164	Nebjet bulb ** with Double Venturi Effect	all nebulizers
28165	Mouthpiece bi-valve	bulb 28163
28166	Mouthpiece	bulb 28164, 28163
28167	Nasal Prong	bulb 28164, 28163
28168	Facemask-adult***	bulb 28164, 28163
28169	Facemask-pediatry***	bulb 28164, 28163
28145	Filter - spare	28130/1/2/3/4/5

* Standard with Happyneb II, Hospyneb

** Standard with Happyneb I, III, Betaneb

***Without elastic

FAMILY AND PINGOO ULTRASONIC NEBULIZERS



Size 22x50x132 mm

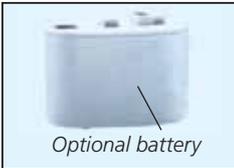
Weight 250 g



28106

28117

GIMA code	ULTRASONIC NEBULIZERS
28106	Family ultrasonic nebulizer
28117	Pingoo ultrasonic nebulizer
28113	Re-chargeable battery Ni MH 12 VDC - Family - optional
28115	Re-chargeable battery Ni MH 12 VDC - Pingoo - optional
28114	Spare Kit: includes adult and paediatric facemask, nasal prong, mouthpiece and tube
28121	Medication cups Family (box of 15 pcs.)
28122	Medication cups Pingoo (box of 15 pcs.)



28114

Optional battery

ULTRASONIC NEBULIZERS

Thanks to the innovative electronic technologies these easy-to-use ultrasonic nebulizers provide a quiet, fast and portable operation with optimal particle size.

Portable: small and lightweight, it allows patients to perform treatments anytime and anywhere.

Optimal particle size: particle size determines the extent to which the medication can be inhaled by the patient into the deep lung tissue.

Approx 90% of particles generated by Family or Pingoo have the optimal 1-5µ (microns) size.

Fast treatment: with its high-efficiency design, it allows a quick treatment time, most within 6 minutes, with limited power consumption.

Low noise level: treatments are not only fast but are virtually silent due to its advanced ultrasonic technology.

Rechargeable battery - optional

8 languages user manual: GB, FR, IT, DE, ES, PT, GR, SA.



28106

TECHNICAL SPECIFICATIONS

Operating voltage: 220-240 V 50/60 Hz Power: 10 W
 Ultrasonic frequency: 2.5 MHz
 Nebulization time: 0.2-0.7 ml/min depending on medication density
 Medication cups capacity: max 8 ml Family, max 4.5 ml Pingoo
 Automatic switch-off
 Particle size: 5 µ (microns) average
 Three programmable flow levels
 Noise level: <40 dB



STANDARD ACCESSORIES

Adult facemask (only Family)
 Paediatric facemask
 Nasal prong, Mouthpiece
 Connection tube
 Medication cups
 Transformer (220-240V-12V DC)
 Carrying bag
 User manual

MESH NEBULIZER

- 28075 MESH NEBULIZER
- 28078 MESH 2 NEBULIZER since 2018

Small, handy, lightweight nebulizer for the treatment of respiratory diseases such as asthma, allergies, ...

Can operate with 2xAAA standard batteries or optional AC adaptor 100x240 V.

- maximizes the benefits of medicine
- portable, handheld design (only 120 mm height)
- ultra-low noise and ultra-light design
- one-button operation for easy use
- for adult and child: noiseless use and compact design allow to make inhalation even while children are sleeping

Multilanguage box: GB, IT, FR, ES

Supplied with cover*, connector*, adult and child mask, mouthpiece, 2xAAA batteries, carrying bag, manual (GB, IT, FR, ES)

• 28076 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece and connector) - spare for 28075

• 28077 AC-DC ADAPTER 100-240 V - optional

• 28079 RESPIRATORY ACCESSORY KIT (adult and child mask, mouthpiece) - spare for 28078



28075

28078

TECHNICAL SPECIFICATIONS

Power supply: 2xAAA batteries or adapter (AC-DC 3V 1A) - 2 W
 Ultrasonic frequency: approximately 140kHz
 Nebulizer rate: ≥0.2ml / min
 Max. / min. liquid volume: 8ml / 0.5ml
 MMAD: approximately 5µm
 Nebulizing head life: 180 hours
 Battery life: 90 minutes with two AA alkaline battery
 Automatic shutdown: automatic shutdown without liquid
 Safety level: Type B, Class II



MYNEB NEBULIZER

- 28073 MYNEB NEBULIZER - piston

Compact, fast and silent nebulizer. Suitable for the treatment of the respiratory tract diseases, bronchial and asthmatic diseases, allergies. Ideal for nebulizing any medicine, ever oily ones such as cortisones essentials oils, and active ingredients with solid elements (suspensions).

Supplied with carrying bag, fasterjet bulb, adult and pediatric mask, air tube, mouthpiece and nosepiece.

Multilanguage box and manual: GB, FR, IT, ES, DE. Class IIa.

Made in Italy.

- 28093 FILTER - spare - box of 3



COMPACT SILENT



TECHNICAL SPECIFICATIONS

AC adapter: input 100-240 V - 50/60 Hz - 0,6 A
 output 12 V - DC 2A
 Operating cycle: 30/30 min. ON/OFF
 Noise level: 51 dB
 Nebulization rate: 0.45 ml/min with NaCl 0.9%
 Air Flow: 12 l/min
 Max pressure: 165 kPa/1.65 bar
 Particle size: 75% < 5 µm (NaCl 0.9%)
 Size and weight: 132x140xh 60 mm - 450 g

*Only 28078

HAPPYNEB NEBULIZERS FOR DOMESTIC USE - PISTON

- 28132 HAPPYNEB II NEBULIZER - piston 230V- Faster-Jet
 - 28135 HAPPYNEB III NEBULIZER - piston 230V
- Happyneb stylish and portable piston nebulizer for a quick and efficacious aerosol therapy. Made in Italy.

Reliable, practical and safe.
Noiseless and lubrication free.
Unit includes an air filter to be replaced every 70 applications, and handle for easy carrying.

It is built in accordance with European Standard EN 60601-1.

5 languages box and manuals:

GB, FR, IT, ES, DE

- 28145 FILTER - spare

28135



FASTER-JET BI-VALVE BULB FOR A QUICKER DELIVERY OF PARTICLES

28132



Faster-jet bulb
Nebulizing time: 1 cc about 3 minutes

CE 0434

NEBULIZER TECHNICAL DATA

	Happyneb III with Nebjet	Happyneb II with Fasterjet
Capacity:	12 ml	16 ml
Respirable volume < 5 µm	75%	80%
MMAD (Mass Media Aerodynamic Diameter)	2.32 µm	2.7 µm
Neb rate	0.45 ml/min	0.60 ml/min
Residual volume	0.7 ml	0.7 ml

STANDARD ACCESSORIES

Adult and pediatric face mask	Mouthpiece
Nasal prong	Fasterjet bulb (28132 only)
Connection tubing	Nebjet bulb (28135 only)

TECHNICAL SPECIFICATIONS

	28132 - HAPPYNEB II	28135 - HAPPYNEB III
Voltage:	230V/50 Hz	
Maximum pressure:	280 kPa	250 kPa
Operating pressure:	110 kPa	90 kPa
Air flow:	15 l/min	14 l/min
Dimensions:	31x22x13 cm	
Weight:	2.3 kg	2 kg
Noise level	58 db	58 db
Temporary use:	Continuous use	30/30 min ON/OFF
Class of risk - norms	IIa - Class II, Type B	

ATOMIZER 2 SPEEDS, PISTON NEBULIZER FOR FAMILY USE

- 28094 ATOMIZER NEBULIZER - 2 speeds
- Piston-type compressor with 2 speeds for family use. With accessory compartment separated from cord compartment for improved hygiene. Made in Italy.

- 28093 FILTER - spare - box of 3

TECHNICAL SPECIFICATIONS

Operating voltage:	230 V - 50 Hz
Operating cycle:	continuous
Operating pressure:	speed 1: 45 kPa - speed 2: 60 kPa
Air Flow:	speed 1: 8 l/min - speed 2: 11 l/min
Nebulization rate:	speed 1: 0.2 ml/min - speed 2: 0.35 ml/min
Particle size:	80% < 5 µm
Max pressure:	1.85 bar / 185 kPa
Weight:	1.4 kg
Noise level:	56 db
	Class of risk: IIa



Standard accessories

STANDARD ACCESSORIES

- Nebjet bulb with connector
- Adult and child mask
- Mouth piece and nose piece
- Air tube and 3 air filter

CE 0434

28094



Accessories compartment

EOLO NEBULIZER - PISTON

CE 0476

- 28097 EOLO NEBULIZER - piston
 - 28091 EOLO NEBULIZER - piston - UK plug
- Innovative, portable, easy to use nebulizer for home use, recommended to nebulize antibiotics and bronchodilator drugs. Plastic body with high thermal insulation. Supplied with adult and pediatric face mask, bulb, mouthpiece, air tubing, air filter. Multilanguage user manual (GB, FR, IT, DE, ES, PT, RU). Made in Italy.

- 28095 FILTER - box of 20 pcs.

28097



TECHNICAL SPECIFICATIONS

	28097 EOLO	28102 MISTRAL
Operating voltage:	230V - 50/60Hz - 170VA 110V or 60Hz on request	230V/50 Hz - 170VA
Operating pressure:	1.1 bar	1.1 bar
Air flow:	14 l/min	14 l/min
Nebulization rate	0.4 ml/min	0.35 ml/min
Particle size	< 5 µm	< 5 µm
Max Pressure:	2.5 bar	2.5 bar
Dimensions:	22x14.5x12 cm - 1.7 kg	13x8.9x14.6 cm - 1.5 kg
Noise level (EN 13544-1)	55 db	60 db
Class of risk	IIa	IIa
Norms:	insulation class, Type B	insulation class, Type BF
Origin:	Italy	Italy

MISTRAL NEBULIZER - PISTON

- 28102 MISTRAL NEBULIZER - piston
- Compact portable nebulizer for home use.
Duty cycle: 20 min on / 40 min off
Supplied with Hi Flo bulb, adult and pediatric mask with string, mouthpiece, nosepiece, air tubing and air filter.

- 28088 FILTER - box of 20

CE 0476

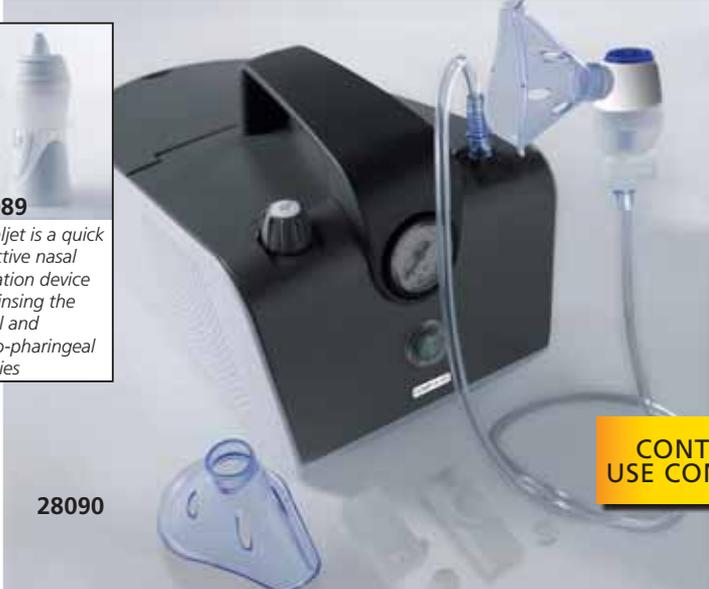


28102

NEBULIZERS FOR PROFESSIONAL AND HOSPITAL USE



28089
Nasaljet is a quick effective nasal irrigation device for rinsing the nasal and rhino-pharyngeal cavities



28090

CONTINUOUS USE COMPRESSOR



28134

CE 0434

Metal box

PROFESSIONAL NEBULIZERS

Piston compressor nebulizers for professional and home care use. They embody all the dictates of modern aerosol therapy techniques. Reliable and simple to use, also by inexperienced users. Manual: GB, FR, IT, DE, ES. Made in Italy.

GIMA code	PROFESSIONAL NEBULIZER	Voltage
28134	HOSPYNEB PROFESSIONAL	230 V - 50/60 Hz
28137	HOSPYNEB PROFESSIONAL	110 V - 60 Hz
28090	COMP-A NEB PROFESSIONAL	230 V - 50 Hz
28089	NASALJET	-
28176	COMPRESSOR - spare for 28134	230 V - 50/60 Hz
28145	FILTER - spare	

TECHNICAL SPECIFICATIONS

	HOSPYNEB	COMP-A NEB
Operating voltage:	110 V - 60 Hz 230 V - 60 Hz	230 V - 50 Hz 110 V - 60 Hz on request 230 V - 60 Hz on request
Size:	28x19xh 17 cm	19.6x35.7xh 18.5 cm
Max pressure:	350 kPa (3.5 bar)	250 kPa
Noise level:	60 dBA	55 dBA
Operating pressure:	0-130 kPa (0-1.3 bar)	0-110 kPa
Weight:	4.1 kg	2.5 kg
Air Flow:		15 l/min
MDD class:		Ila

STANDARD ACCESSORIES

Fasterjet nebulizer with valve system
Nosepiece irrigation (polypropylene)
Mouthpiece (polypropylene) with valve (silicone)
Adult and child mask (PVC DEHP free)
Air tube (PVC DEHP free) and spare filter.
Nasaljet (only with 28090).



- 28105 CORSIA PROFESSIONAL NEBULIZER - piston
- 28092 CORSIA PROFESSIONAL NEBULIZER - piston - without manometer

Piston-type compressor nebulizers designed for continuous use. High performance with any type of drug, ideal for intensive hospital and clinic use. Recommended for atomizing antibiotics and bronchodilator drugs. Manufactured with high thermal



28105

CE 0476

CONTINUOUS USE COMPRESSOR

and electric insulation plastic chassis in accordance with the latest European Safety regulations. The oil-free piston compressor has long durability and is equipped with the highly efficient HI-FLO jet nebulizer to guarantee quick and accurate drug delivery. Easy to handle and transport.

- 28104 FILTER - spare - box of 2

TECHNICAL SPECIFICATIONS

Operating Voltage:	220-230 V - 50/60 Hz
Power consumption:	184 VA
Max pressure:	250 kPa (2.5 bar)
Air flow:	16 l/min
Operating pressure:	130 kPa (1.30 bar)
Operating air flow:	5.2 l/min at 130 kPa
Nebulization rate:	0.50 ml/min with 4 ml solution
MMAD:	3.25 µm
GSD:	3.45
Size:	255x190xh 105 mm
Weight:	2.2 kg
Noise level:	approx 57 db
	Made in Italy

28092



STANDARD ACCESSORIES

HI-FLO Jet bulb
Mouthpiece
Adult and child mask
Air tube and air filter
Multilanguage user manual: GB, FR, IT, ES, DE, PT

NEBULIZER FOR INTENSIVE HOSPITAL USE

- 28060 CLINIC-AIR NEBULIZER - piston

High performing piston nebulizer for administration of any kind of drug, ideal for intensive hospital and clinical use. Its structure is made of a high thermal and electrical insulated plastic in accordance to safety European standards. Long life dry piston compressor and bulb with a valve system that allows to adjust the nebulization speed.

Class Ila - Insulation class (EN60601-1): Class II Type B.

TECHNICAL SPECIFICATIONS

Operating Voltage:	230 V - 50/60 Hz
Max pressure:	250 kPa (2.5 bar)
Operating pressure:	130 kPa (1.30 bar)
Nebulization rate:	
Power consumption:	110 VA
Air flow:	16 l/min
Operating air flow:	5.2 l/min at 130 kPa

Made in Italy

- 28062 BULB - spare
- 28063 FACE MASK - adult - spare
- 28064 FACE MASK - pediatric - spare
- 28104 FILTER - spare - box of 2

STANDARD ACCESSORIES

Bulb with valve
Mouthpiece
Adult and child mask
Air tube and air filter
Multilanguage user manual: GB, FR, IT, ES, DE



28060

MEDICAL GRADE SILICONE TUBES FOR EXTERNAL USE



SILICONE TUBES for external medical use - silicone 100%
 Suitable for autoclaving (135°C - 2.2-2.5 bar) and Gamma Sterilization. Resistant to hot air up to 200°C.
 Infra-red vulcanization.
 Hours treatment at 200°C temperature in special oven.
 Anti-adherent, avoid incrustation and coagulation.
 Medical Grade - Transparent - Odourless

TECHNICAL SPECIFICATIONS

Raw material: HTV-R-401/60 S - WACKER (D)
 Colour: translucent
 Hardness: 60° ±5% Shore - DIN 53505
 Density: 1.17 g/ccm - DIN 53479A
 Tensility: 10.8 N/mm² - DIN 53504 S1
 Stretch: 490/530% - DIN 53504S1
 Tear resistance: 34-35 N/mm - ASTM D 624 B
 Reverse pull elasticity: 51% - DIN 53512
 Compression set: (22h/175°C): 30-15% - DIN 53517

Made in European Union according to: US PHARMACOPOEIA XXI
 EUROPEAN PHARMACOPEA DIN 58367 - DIN 58362 - DIN
 13098- FDA 177.2600 - BGA XV part A and B - BGA IX part B

MADE TO ORDER SILICONE TUBES
 We can manufacture any size
 (minimum order 500 m - delivery 30 days)



GIMA code	Internal diameter x external diameter	Thickness mm	Minimum order
25450	1x3 mm	1 mm	roll of 100 m
25451	2x4 mm	1 mm	roll of 100 m
25452	3x5 mm	1 mm	roll of 100 m
25453	4x6 mm	1 mm	roll of 100 m
25455	6x8 mm	1 mm	roll of 30 m
25458	3x6 mm	1.5 mm	roll of 30 m
25459	4x7 mm	1.5 mm	roll of 30 m
25460	5x8 mm	1.5 mm	roll of 30 m
25461	6x9 mm	1.5 mm	roll of 30 m
25462	7x10 mm	1.5 mm	roll of 30 m
25466	4x8 mm	2 mm	roll of 30 m
25467	5x9 mm	2 mm	roll of 30 m
25468	6x10 mm	2 mm	roll of 30 m
25469	8x12 mm	2 mm	roll of 30 m
25470	10x14 mm	2 mm	roll of 30 m
25474	5x10 mm	2.5 mm	roll of 30 m
25475	7x12 mm	2.5 mm	roll of 30 m
25476	8x13 mm	2.5 mm	roll of 30 m
25477	10x15 mm	2.5 mm	roll of 30 m
25480	6x12 mm	3 mm	roll of 30 m
25481	7x13 mm	3 mm	roll of 30 m
25482	8x14 mm	3 mm	roll of 30 m
25483	9x15 mm	3 mm	roll of 30 m
25484	10x16 mm	3 mm	roll of 30 m
25485	12x18 mm	3 mm	roll of 30 m
25488	8x15 mm	3.5 mm	roll of 30 m
25491	10x20 mm	5 mm	roll of 30 m
25495		made to order	500 m

ACCESSORIES FOR ANY SUCTION ASPIRATOR



GIMA code	STAINLESS STEEL ASPIRATION TUBES
28262	S/S Bierer Aspiration tube Ø 8 mm
28264	S/S Bierer Aspiration tube Ø 12 mm
	Supplied with removable connection cannula
28260	Set of 7 uterine aspiration cannulas for abortion: 4 cannulas with side suction end (Ø 5, 6, 8, 9 mm), 3 cannulas with front suction end (Ø 7, 10, 11 mm) and one handle

SILICONE VACUUM SUCTION
 See page 172

SUCTION CATHETER
 See page 43

S/S FRAIZER SUCTION CANNULA
 See page 34

S/S ROSEN SUCTION CANNULA
 See page 34

S/S NOVAK SUCTION CANNULA
 See page 33

BREAST PUMP - MAMILAT GIMA

• **28148 MAMILAT - BREAST PUMP - 230 V - 50 Hz**
 Easily transportable from one maternity ward to another, or for use at home. To be used for mother's milk suction. Made of highly heat-resistant, electrically insulated plastic material in conformity with the latest European safety standards. Supplied with 2 polycarbonate milk bottles (150 cc and 250 cc) antibacterial and hydrofobic filter, set of tubes 6x10 mm, breast shield, PVC air tube. Suction adjustment knob. Working time: 20 minutes ON, 40 OFF.

• **28229 HYDROPHOBIC ANTIBACTERIAL FILTER - spare**

• **28149 SPARE KIT**

Includes two plastic bottles (125 cc and 250 cc) nipple shield, filter and tubes.

TECHNICAL SPECIFICATIONS

Regulator for suction intensity - max suction -0.33 bar
 Operating voltage: 220-230 V - 50/60 Hz - available on request 110 V - 60 Hz
 Max flow (air litres/min): 14 l/min
 Power consumption: 184 VA
 Size: 235x190x165 mm Weight: 2.2 kg
 Norms: CEI 62-5 (IEC601-1). Made in Italy

Supplied with anti-bacterial filter

5 languages manual:
 IT, GB, ES, FR, DE.



28148

RES-Q-VAC FILTERED HAND SUCTION



• 28124 RES-Q-VAC (FILTERED) SUCTION

This lightweight and hand held suction unit requires no batteries or electricity and yet provides powerful suction whenever and wherever you need it.

It offers ultimate safety and ease of use for the professional and fits easily into any emergency bag or ambulance.

Key Features:

- portable Hand Powered Suction - one hand operation
- hospital suction level performance >600mmHg
- always ready to go, no set up required, no batteries to recharge
- patented 0.22 equivalent micron filter for ultimate infection control
- full stop protection filter prevent fluid overflow
- easy snap on replacement canister sets with Adult and Child catheters
- each unit 100% tested for reliability



28124



0.22 micron filter

Jar 300 ml

MEET OSHA regulations



28128

28129

Kit includes: Res-q-Vac pump, canister 300 ml with filter, soft cannula Ø 12.7 mm x 20.3 cm length

• **28128 SPARE ADULT KIT - with filter**
Includes canister 300 ml and wide soft adult style yankauer. Disposable.

• **28129 SPARE PEDIATRIC KIT - with filter**
Includes canister 300 ml and 2 pediatric catheters with different length: 356 mm for paediatric and 88.9 mm for neonatal applications. Disposable.

TECHNICAL SPECIFICATIONS

Weight: 143 g
Size: 114x180x55 mm
Max vacuum: > 600 mmHg
Min. vacuum after 2 activations: > 400 mmHg
Volume per stroke: 30 ml
Capacity before full: 290 ml
Inner Ø of adult catheter: 9.53 mm
Length of adult catheter: 272 mm
Pump is suitable for cold or ETO sterilization



HAND/FOOT/KNEE SUCTION PUMP

• 28220 TOBI MANUALE - manual suction aspirator

Independent of any power source, Tobi Manuale is simple to operate pressing pedal by foot, hand or knee.

It is used to clear patient's airways safely and efficiently, anytime, anywhere. Precision and solidly built to assure long service life. Polycarbonate suction bottle with capacity 400 cc, autoclavable at 120°C and spill-over protection.

Bacterial filter included.

Multilanguage user manual: GB, FR, IT, DE, ES.

• 28219 BOTTLE

0.4 l - spare

• 28229

HYDROPHOBIC ANTIBACTERIAL FILTER - spare



28220

Jar 400 ml



TECHNICAL SPECIFICATIONS

Weight: 1.2 kg Max suction -0.40 bar Bottle capacity: 400 cc
Size: 225x165x85 mm Suction power: 22 l/min Made in Italy

HAND SUCTION PUMP

• 28180 HAND SUCTION UNIT

Designed to provide quick and effective pharyngeal and tracheal suction for emergency use.

The adjustable stroke knob provides different suction pressure. Supplied with 250 ml bottle and 2 sterile adult cannulas 26 and 40 cm

• **28181 SPARE ADULT KIT**
Includes 250 ml bottle and 2 sterile adult cannulas 26 and 40 cm.



Jar 250 ml

Supplied with multilanguage box and manual: GB, FR, IT, ES, DE, PT, PL, GR, Arab.

TECHNICAL SPECIFICATIONS

Max vacuum: -450 mmHg Weight: 260 g
Peak free airflow: >20 l/min Size: 185x70x168 mm
External diameter of catheter connection: 13.35 and 8.67 mm

SPENCER JET COMPACT 300D PORTABLE SUCTION UNIT

• 28177 JET COMPACT PORTABLE SUCTION UNIT

Extremely compact suction device to be used to remove fluids from the airway or respiratory support system. The device creates a negative pressure that draws fluids through disposable tubing that is connected to the collection container.

Easy view of the setted vacuum thanks to the LED indicators.

Classification ISO: high vacuum / high flow. Supplied with 12 V power cable, battery, disposable container with filter, disposable patient tube.

• 28178 DISPOSABLE CONTAINER 300 ml with filter

• 28179 POWER ADAPTER



28177

Class IIa Medical Device according to Dir. 93/42/CEE

TECHNICAL SPECIFICATIONS

Dimensions:	245x70x185 mm	IP grade	IP 12
Weight:	1.60 kg	Battery:	12 V DC Ni-MH
Vacuum range:	from 50 to 550 mmHg	Battery operative time:	30 min ON, 30 min OFF
Flow (free flow):	32 l/min	Battery recharging time:	5 h
Noise level:	70 dB	Container capacity:	300 ml
Electrical connector requirement:	100-240 VAC 47-63 Hz	Patient tube length:	1 m
	0.75 A max: 12 VDC		

MINIASPEED BATTERY EVO PROFESSIONAL SUCTION ASPIRATORS

- 28282 MINIASPEED EVO BATTERY SUCTION - 1 l
 - 28283 MINIASPEED EVO BATTERY SUCTION - 1 l for ambulance
 - 28284 MINIASPEED EVO BATTERY SUCTION - 2 l
- 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

28282 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.



- PROXIMITY
- RMP FEEDBACK
- LITHIUM BATTERY
- LCD DISPLAY
- AUTOMATIC VACUUM CONTROL

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
Suction catheter	Silicone tube set with conical connector
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 l
- 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
Operating voltage:	100-240 V - 50/60 Hz
Internal rechargeable Pb battery:	12V - 4A
Battery autonomy:	60 min
Flow:	36 air litres/minute
User manual:	GB, FR, DE, IT, ES
Recharging:	240 min
Temporary use:	120 on - 60 off
Made in Italy	

BATTERY SUCTION ASPIRATORS

- 28243 SUPER VEGA BATTERY - plastic case - 16 l/min.
- 28190 SUPER VEGA BATTERY - plastic case - 36 l/min.
- 28213 TROLLEY FOR SUPER VEGA
- 28242 BATTERY FOR SUPER VEGA/TOBI (28243*/28240) - spare
- 28251 BATTERY FOR SUPER VEGA (28190/28243**) - spare

*Up to S.N. 2141 (3 LEDs)

**Since S.N. 3000 (1 LED)

With incorporated rechargeable batteries. It can operate at 12 V power supply at rechargeable batteries and, thanks to an electronic system, at 230 V while recharging batteries.

Autonomy: approx 45-50 min (28243), 60 min (28190)

Recharging time: 120-150 minutes.

Max suction: -0.75 bar (28243) -0.80 bar (28190)

Suction power: 16 or 36 air litres/min

It has unbreakable 1,000 ml standard bottle (2,000 ml optional) autoclavable at 120°C with safety float control valve to prevent overflow.



TECHNICAL SPECIFICATIONS SUPER VEGA	
Operating Voltage:	220-230 V - 50/60 Hz AC - 12 V DC (28243) 100-240 V - 50/60 Hz (28190)
Size:	350x210x180 mm Weight: 4.9 kg
Max suction	-0.75 bar (563 mm/Hg) (28243), -0.80 bar (28190)
Suction power:	16 air litres/min (28243), 36 air litres/min (28190)
Norms:	IEC 601-1 - Class II Type B. Made in Italy

STANDARD ACCESSORIES	
Bottle 1 l - autoclavable at 120°C	AC/DC universal adapter
Silicone tubing set	Anti-bacterial filter
Suction catheter	Cable to recharge batteries from car
User manual (GB, IT, FR, DE, ES)	

- 28206 MINI ASPEED BATTERY PRO - metal case - 30 l/min
High vacuum portable medical device for professional surgical aspiration.

- it can operate at 12 V (car) power supply, rechargeable batteries or directly by mains supply

- its two cylinders electro-compressor ensures high performances and long life

- up to 45 min. of autonomy with fully charged battery

- with 99% antibacterial hydrophobic filter

- equipped with autoclavable jar with safety valve, disposable suction liner and carrying case.

- 25480 SILICONE TUBE 6x12 mm - roll of 30 m
- 28254 ADAPTOR FOR CATHETER
- 28255 HYDROPHOBIC 99% BACTERIAL FILTER
- 28258 AUTOCLAVABLE JAR 1000 ml (with cover)
- 28259 DISPOSABLE SUCTION LINER



TECHNICAL SPECIFICATIONS MINI ASPEED	
Operating Voltage:	100-240 V 50/60 Hz AC - 14 V DC 4.28 A
Size:	370x100x240 mm Weight: 5.8 kg (include kit)
Max suction:	- 0.85 bar
Suction power:	30 air litres/min.
Sound level:	65 db
Norms:	MDD 93/42/ECC (class IIa - annex IX) IEC 60601-1, UNI ENISO 10079-1 Made in Italy

STANDARD ACCESSORIES	
Autoclavable jar 1000 cc with safety valve	Anti-bacterial hydrophobic filter
Silicone tubing set Ø 6x12 mm	Multivoltage battery charger
Disposable suction liner	Cigarette lighter power cord.
Sterile cannula	Shoulder carrying bag
	User manual (GB and IT)



SUPERVEGA SUCTION ASPIRATOR ON TROLLEY

CE 0476

Vacuum indicator
Max suction:
600 mm Hg - 0.80 bar

Silicone tubing
8x14 mm

Adjustable
suction knob

Fixed height
75 cm

28191

Multilanguage
user manual:
GB, FR, IT, DE, ES

- 28191 SUPER VEGA on trolley - suction 2x2 l jar
 - 28192 SUPER VEGA on trolley - suction 2x2 l jar with footswitch
- Continuously adjustable vacuum, with indicator.
Silicone connection tube. 2 jars 2 litres, made of sterilizable polycarbonate (autoclavable at 120°C).
Working time: 120 min ON, 60 min. OFF.
Suction power: 40 air litres/min.
Steel painted frame, fitted with 5 star base.
Norms CEI 62-5 (IEC 601-1) - Class II - Type B
- 28239 HYDROPHOBIC 99% BACTERIAL FILTER
 - 25482 SILICONE TUBE - 8x14 mm - roll of 30 m

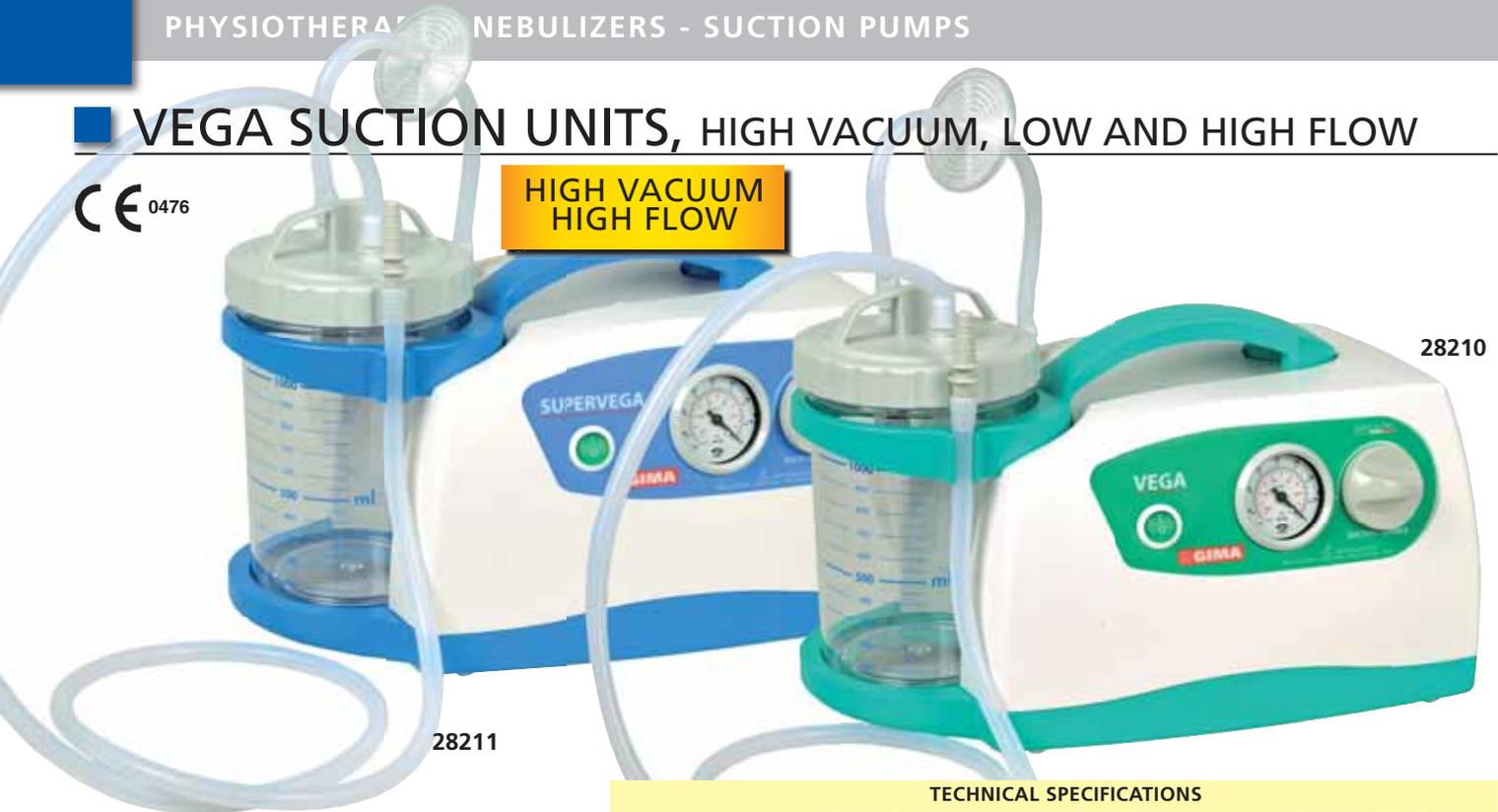
TECHNICAL SPECIFICATIONS	
Size:	32x30x90 cm Weight 6.2 kg
Operating voltage:	220-230 V - 50/60 Hz; other on request
Power consumption:	110 VA
Maximum suction:	-0.80 bar (600 mm Hg)
Flow:	40 air litres/minute
Operating cycle:	continuous
Norms CEI 62-5 (IEC 601-1) - CEI 93/42 EEC	
User manual (GB, FR, DE, IT, ES)	
Made in Italy	



VEGA SUCTION UNITS, HIGH VACUUM, LOW AND HIGH FLOW



**HIGH VACUUM
HIGH FLOW**



28211

28210

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)

PROFESSIONAL ASPIRATORS - HIGH VACUUM



28280-1

CE 0434
EN ISO 10079-1
Class I
Type B



28244-6

1 l Autoclavable Jar

ASPEED PROFESSIONAL SURGICAL ASPIRATORS

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.

GIMA code	ASPEED ASPIRATORS	Power	Pump	Case
28244	Aspeed 15 l	230 V	single	metal
28245	Aspeed 22 l	230 V	double	metal
28246	Aspeed 22 l	110 V	double	metal
28280	Aspeed 2 15 l	230 V	single	plastic
28281	Aspeed 2 22 l	230 V	double	plastic

GIMA code	ACCESSORIES AND SPARES FOR ASPEED
28255	Hydrophobic 99% bacterial filter
28258	Autoclavable jar 1l with cover
28259	Disposable suction liner
25480	Silicone tube 6x12 mm - roll of 30 m
28254	Adaptor to connect catheter to silicone tube
28261	Adaptor kit to use jar 1l (28258) with ASPEED manufactured before 2007

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

TECHNICAL SPECIFICATIONS

	ASPEED		ASPEED 2	
	28244	28245/6*	28280	28281
Operating voltage:	230 V-50 Hz		230 V - 50/60 Hz	
	110-60 Hz		other voltage on request	
Bottle capacity:	1 l	1 l	1 l	1 l
High vacuum:	low flow	low flow	low flow	high flow
Air flow:	15 l/min	22 l/min	15 l/min	22 l/min
Adjustable vacuum level:	0 ÷ -0.85 bar (0 ÷ -85 kPa)			
Weight:	3.5 kg	4.5 kg	2.5 kg	3.2 kg
Case material:	metal		plastic	
Noise level:	55 dBA	65 dBA	55 dBA	55 dBA



28258 Autoclavable Jar, h 19.2 cm Ø 10 cm top, 9.7 cm base
28259 Disposable suction liner

SUCTION ASPIRATORS HIGH VACUUM, LOW AND HIGH FLOW

- 28222 TOBI - suction aspirator 220-230 V - 50/60 Hz
- 28224 SUPER TOBI - suction aspirator 220-230 V - 50/60 Hz

Portable suction aspirators, ideal for tracheotomy and small surgery. Vacuum continuously adjustable with vacuum indicator. Have unbreakable 1,000 ml standard bottle (2,000 ml optional) autoclavable at 120°C with safety float control valve to prevent overflow. Silicone connection tube. ABS plastic case. Made in Italy



HIGH VACUUM HIGH FLOW

Silicone tube 6x10 mm (see page 159)
Adaptor for catheter (code 28252)

STANDARD ACCESSORIES

	Tobi	Super Tobi
Bottle 1,000 ml with cover	1	1
Antibacterial Filter	1	1
Suction catheter	1	1
Silicon Tube set	1	1
User manual GB, FR, IT, DE, ES	1	1

TECHNICAL SPECIFICATIONS

	28222 Tobi	28224 Super Tobi
Operating voltage:	220-230 V - 50/60 Hz	220-230 V - 50/60 Hz
Power consumption:	184 W	106 W
Bottle capacity:	1,000 ml	1,000 ml
Flow (air litres/min):	18 l/min	40 l/min
Max suction:	-0.75 bar (563mm/Hg)	-0.80 bar (600mm/Hg)
Working time: minutes	20 ON / 40 OFF	120 ON / 60 OFF
Size (cm):	37x22xh 21 cm	37x22xh 21 cm
Weight:	3.5 kg	5.25 kg
Norms:	IEC 601-1	IEC 601-1

HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPIRATOR



Standard Clinic Plus and Hospi Plus



Clinic Plus and Hospi Plus with foot switch and electronic flow direction regulator

New innovative range of high vacuum, high flow aspirator ideal for hospitals. Pump piston type, lubrication and maintenance free. Supplied with hydrophobic 99% bacterial filter, vacuum gauge for control of vacuum and 2 autoclavable jars (2 or 4 litres) made in makrolon with 200/400 ml graduation and double security valve. Available on request 2 or 3 litre disposable liners. Range includes version with foot

TECHNICAL SPECIFICATIONS

	Hospi plus	Clinic plus
Operating voltage:	110 V or 230 V - 50/60 Hz	230 V - 50/60 Hz - 110 V on request
Maximum suction:	- 0.90 bar (675 mmHg)	- 0.90 bar (675 mmHg)
Operating cycle:	continuous	continuous
Flow:	90 l/min	60 l/min
Power:	300 VA	230 VA
Norms:	CEI 62-5 (IEC 601-1) 93/42 EEC. Made in Italy	CEI 62-5 (IEC 601-1) 93/42 EEC. Made in Italy



Size: 460x850x420 mm
Weight: 20 kg

switch and flow direction regulator, 110 and 230 V. Four antistatic castors, two of which with brake, allow a perfect mobility. User manual in GB, FR, IT, ES, DE. See spare accessories at page 159, 166. Made in Italy.

GIMA code	CLINIC PLUS / HOSPI PLUS	Jar	Power	Foot switch	Flow direction diverter*
28194	CLINIC PLUS aspirator	2x2 l	220-230 V	-	-
28196	CLINIC PLUS aspirator	2x4 l	220-230 V	-	-
28198	CLINIC PLUS aspirator	2x4 l	220-230 V	yes	yes
28200	HOSPI PLUS aspirator	2x2 l	220-230 V	-	-
28199	HOSPI PLUS aspirator	2x2 l	110 V	-	-
28201	HOSPI PLUS aspirator	2x4 l	220-230 V	-	-
28203	HOSPI PLUS aspirator	2x2 l	220-230 V	yes	yes
28204	HOSPI PLUS aspirator	2x4 l	220-230 V	yes	yes

*Allow to direct suctioned liquids to any of the 2 jars

MAXI ASPEED HIGH FLOW ASPIRATOR FOR HOSPITAL USE



TECHNICAL SPECIFICATIONS

Operating voltage:	230 V - 50/60 Hz. Available on request 110 V - 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:	Ila

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 multilingual manual (GB, FR, IT, DE, ES). Made in Italy.

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
28288	Maxi Aspeed 60 l	2x4 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	
25482	Silicone tube - 8x14 mm - roll of 30m	

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/Supervega 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 Hospital
28265	Bottom base	Clinic plus/Hospi Plus Clinic
28266	Bottom base	Clinic
28267	Bottom base	Hospital



28273
Disposable liner 2 l