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).

<table>
<thead>
<tr>
<th>MODE A</th>
<th>MODE B</th>
<th>MODE C</th>
</tr>
</thead>
<tbody>
<tr>
<td>- pressure sensor</td>
<td>- one touch connection hose plug</td>
<td>- pressure sensor</td>
</tr>
<tr>
<td>- digital timer (10, 20, 30, 40 min)</td>
<td>- body size: 190x250x210 mm</td>
<td>- digital timer (10, 20, 30, 40 min)</td>
</tr>
<tr>
<td>- digital pressure gauge (10~180 mmHg)</td>
<td>- body weight: 3 kg</td>
<td>- digital pressure gauge (10~180 mmHg)</td>
</tr>
</tbody>
</table>

• 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

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

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

Cuff Leg dimension (cm)
Size 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

Medical indications
- DVT (Deep Vein Thrombosis)
- Lymph edema
- Post-paralytic
- Limb convolution
- 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)
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 heating 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 a 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 for daily 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 l
  Moisturizing conductive cream ideal for Tecar therapy.

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.

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 arteriolar 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: 100-240 V, 50/60 Hz
- Max power consumption: 300 W (50 ohm load)
- Carrier frequency: 485 kHz
- Touch screen graphic display 7”
- Adjustable power: 0-100%
- Preset programmes, free memories
I-TECH UT2 - PROFESSIONAL ULTRASOUND THERAPY

28358

APPLICATIONS

TECHNICAL SPECIFICATIONS
Effective intensity (up to 3 W/cm²)
Frequency (1 or 3 MHz)
Professional user can adjust following parameters:
- Duty cycle (10%-100% stepping 10)
- Therapy time (up to 30 minutes)
- Frequency (1 or 3 MHz)
- Effective intensity (up to 3 W/cm²)
- Duty cycle (10%-100% stepping 10)
- Therapy time (up to 30 minutes)

GIMA UT AUTOMATIC: ULTRASOUND THERAPY UNIT

28310

TECHNICAL SPECIFICATIONS
Operating voltage: 115/230 V - 50/60 Hz - switchable
Pulse frequency: 2 pulses/second
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, rheumatism, neuralgia and backpain.

Supplied with power cord and user's manual. Made in Italy.

28311

GIMA UTC 2: COMBINED ULTRASOUND AND ELECTROTHERAPY UNIT

28312

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

28301 GIMA UTC 2 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, rheumatism, neuralgia and backpain.

Supplied with power cord and user's manual. Made in Italy.

28313 1 MHz ULTRASOUND HEAD Ø 60 mm
1 MHz frequency is recommended for physiotherapy.

28314 3 MHz ULTRASOUND HEAD Ø 60 mm
3 MHz frequency is recommended for aesthetics.
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.

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

TREATMENTS
Osteoporosis Arthritis Neuropathies Cervicalgia Sciatica Sprains Cruralgia Wrinkles Adhesions Artralgia Tendinitis Pubalgia Taponitis Contusion Chondropathy Microlifting Epitrocleitis Lymphedema Muscular contracts Cramps Massage Drainage Modelling Carpal Tunnel Oedema Venous stagnation Arms cavitation Abdomen cavitation Limb cavitation Gluteus cavitation Lumbalgia Hematoma Acne Phonophoresis

MIO-SONIC ULTRASOUND THERAPY - 9 PROGRAMS

• 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.

- 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


• 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
- 28381 IONOPHORESIS KIT - spare electrode position manual and user manual (GB, FR, IT, ES). On request DE
- 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)

TECHNICAL SPECIFICATIONS
4 connection cables (8 connectable electrodes)
Kit of pre-gelled self-adhesive electrodes (square, rectangular, round)
Ionophoresis 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

STANDARD ACCESSORIES
• 28373 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)
**ORTHOMAG LOW FREQUENCY MAGNETOTHERAPY - 2 PROGRAMMES**

- 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.

**MAG 700 LOW FREQUENCY, HIGH INTENSITY MAGNETOTHERAPY**

- 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-setted 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).

**MAG 2000 LOW FREQUENCY, HIGH INTENSITY MAGNETOTHERAPY**

- 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.

**OSTEMAT 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.

**MAG 2000 PLUS MAGNETOTHERAPY - 2 channels - 300 Gauss**

- 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.

- 28311 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.

**STACKABLE MATTRESS 40x45 cm**

- 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.
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

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power cable</td>
<td></td>
</tr>
<tr>
<td>2 plate transducers 80 gauss - 120x70 mm</td>
<td></td>
</tr>
<tr>
<td>1 velcro elastic band 60x8 cm</td>
<td></td>
</tr>
<tr>
<td>1 velcro elastic band 100x8 cm</td>
<td></td>
</tr>
</tbody>
</table>

IONO BASE PLUS - GALVANIC IONOPHORESIS

- 28306 IONO BASE - PLUS - 2 channels
Local administration of medicines by ionophoretics, electric osmosis and treatment of hyper hydrosis (sweating disease) and cellulitis. Current generator for hydro galvanization, aesthetic shaping and against cellulitis slight blemish. Microprocessor controlled, with selection of parameters and internal programs. 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

<table>
<thead>
<tr>
<th>Waveform: square</th>
<th>Max. ratio emission/pause: 50%</th>
<th>Intensity of magnetic field: 80 Gauss (BmT)</th>
</tr>
</thead>
</table>

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

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, reduces 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, PS, RU, BG).
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.

GIMA TENS - ELECTRICAL MUSCLE STIMULATORS

- **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.
- **28343 CABLES - pack of 2 pcs - spare**

- **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

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

- **28373 GELLED ELECTRODES with cable 45x80 mm - bag of 4**
- **28372 GELLED ELECTRODES with cable 46x47 mm - bag of 4**
- **28371 GELLED ELECTRODES with cable 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**
MIO-CARE - 2 CHANNEL TENS
• 28370 MIO-CARE TENS - 20 medical programmes
• 28376 MIO-CARE FITNESS - 55 programmes
  (20 medical + 15 beauty + 20 fitness programmes)
• 28377 MIO-CARE PRO - 63 programmes
  (41 medical + 15 beauty + 21 fitness + 13 free memories)
- 2 independent channels stimulator
- compensated biphasic square wave: avoids hazardous thermal effect of polarization
- easy to use, digital keyboard
- remaining therapy time and programmes instruction shown on graphic display
- internal rechargeable battery pack
- maximum intensity 200 mA\(h\)
- compliance with 93/42/EEC MDD

Supplied in a carrying bag with 2 connection cables with splitters, user manual (GB, FR, IT, DE, ES), 8 adhesive pads, internal rechargeable battery with battery charger.
• 28372 GELLED ELECTRODES
  with cable 46x47 mm - bag of 4
• 28373 GELLED ELECTRODES
  with cable 45x80 mm - bag of 4

14 MEDICAL PROGRAMMES (all)
Tens conventional (rapid)
Tens edentrophic (delayed)
Tens maximum values
Inflammatory
Neck pain/ cervicogenic headache
Backache/sciatic pain
Sprains/bruises
Haematomatics
Atrophy prevention
Atrophy (trophism rehabilitation)

+6 MEDICAL PROGRAMMES (28370, 28376)
Laughing
Atrophy prevention
Motor-sensory rehabilitation

15 BEAUTY PROGRAMMES (28376, 28377)
Vascularization
Muscle relaxant
Hand and wrist pain
Plantar stimulation
Epicondylitis
Periarthritis
Microlifting
Lipolysis - abdomen

15 FREE MEMORIES
Firming up - upper limbs and trunk
Firming up - lower limbs
Toning up - upper limbs and trunk
Toning up - lower limbs
Definition - upper limbs and trunk
Definition - lower limbs
Modelling
Lipolysis - thighs
Lipolysis - glutei and hips
Lipolysis - arms
Tissue elasticity
Capillarization
Heaviness in legs
Warming up
Resistant strength - upper limbs and trunk
Resistant strength - lower limbs
Basic strength - upper limbs and trunk
Basic strength - lower limbs
Fast strength - upper limbs and trunk
Fast strength - lower limbs
Explosive strength - upper limbs and trunk
Explosive strength - lower limbs

I-TECH PHYSIO PROFESSIONAL 2 CHANNELS STIMULATOR
• 28382 I-TECH PHYSIO PROFESSIONAL STIMULATOR
Professional stimulator 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
- monophasic square wave
- incontinence and ionophoresis programmes
- denervated treatment
- programmable TENS - EMS memories
- adjustable frequency, width impulse, time, ramp
- remaining therapy time and programmes instructions shown on the LCD
- maximum intensity 200 mA\(h\); Can use same gelled electrodes with cable as Mio-Care
• 28381 IONOPHORESIS KIT - spare
  (1 elastic band, 2 silicone conductive electrodes, 2 sponges)

MIO IONOTENS, 2 CHANNELS
• 28380 MIO-IONOTENS 37 programmes
  2 channel stimulator for the customers who need an easy to use device with high output power and a complete list of TENS programmes, rehabilitation programmes and free memories. Portable and easy to use device with backlight display and digital keyboard. It is equipped with internal rechargeable battery (long-lasting) and belt clip. MIO-IONOTENS has 14 TENS programmes, 10 rehabilitation programmes including 3 ionophoresis treatments and 13 free memories (adjustable frequency, width impulse and time). Supplied in a carrying bag, with 2 cables, ionophoresis kit, 1 set of 4 pre-gelled electrodes (41x41 mm), 1 set of 4 pre-gelled electrodes (40x80 mm), belt clip, internal rechargeable battery, battery charger, user manual (GB, FR, IT, ES).
• 28381 IONOPHORESIS KIT - spare
  (1 elastic band, 2 silicone conductive electrodes, 2 sponges)
**PHYSIOTHERAPY - NEBULIZERS - SUCTION PUMPS**

### 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 TONE LOOPS

- **47040 SET OF 4 TONE LOOPS**
  - The closed-loop flat band fits comfortably 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**
  - Thick mats with sponge-like foam structure offer comfortable feeling. The closed-cell foam structure resists moisture.
  - Easy roll for storage.

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

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

---

**Table: LATEX FREE EXERCISE BANDS - 1.5 m**

<table>
<thead>
<tr>
<th>GIMA Code</th>
<th>LATEX FREE EXERCISE BANDS - 1.5 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>47000</td>
<td>Latex-free band 1.5 m x 14 cm x 0.20 mm</td>
</tr>
<tr>
<td>47001</td>
<td>Latex-free band 1.5 m x 14 cm x 0.25 mm</td>
</tr>
<tr>
<td>47002</td>
<td>Latex-free band 1.5 m x 14 cm x 0.30 mm</td>
</tr>
<tr>
<td>47003</td>
<td>Latex-free band 1.5 m x 14 cm x 0.35 mm</td>
</tr>
<tr>
<td>47004</td>
<td>Latex-free band 1.5 m x 14 cm x 0.40 mm</td>
</tr>
<tr>
<td>47007</td>
<td>Set of 5 latex-free bands (1x5 levels) 1.5 m x 14 cm mix</td>
</tr>
</tbody>
</table>

**Table: LATEX FREE BANDS - 5.5 m**

<table>
<thead>
<tr>
<th>GIMA Code</th>
<th>LATEX FREE BANDS - 5.5 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>47010</td>
<td>Latex-free band 5.5 m x 14 cm x 0.20 mm</td>
</tr>
<tr>
<td>47011</td>
<td>Latex-free band 5.5 m x 14 cm x 0.25 mm</td>
</tr>
<tr>
<td>47012</td>
<td>Latex-free band 5.5 m x 14 cm x 0.30 mm</td>
</tr>
<tr>
<td>47013</td>
<td>Latex-free band 5.5 m x 14 cm x 0.35 mm</td>
</tr>
<tr>
<td>47014</td>
<td>Latex-free band 5.5 m x 14 cm x 0.40 mm</td>
</tr>
<tr>
<td>47015</td>
<td>Latex-free band 5.5 m x 14 cm x 0.50 mm</td>
</tr>
<tr>
<td>47016</td>
<td>Latex-free band 5.5 m x 14 cm x 0.60 mm</td>
</tr>
</tbody>
</table>

**Table: LATEX FREE BANDS - 45 m**

<table>
<thead>
<tr>
<th>GIMA Code</th>
<th>LATEX FREE BANDS - 45 m</th>
</tr>
</thead>
<tbody>
<tr>
<td>47020</td>
<td>Latex-free band 45 m x 14 cm x 0.20 mm</td>
</tr>
<tr>
<td>47021</td>
<td>Latex-free band 45 m x 14 cm x 0.25 mm</td>
</tr>
<tr>
<td>47022</td>
<td>Latex-free band 45 m x 14 cm x 0.30 mm</td>
</tr>
<tr>
<td>47023</td>
<td>Latex-free band 45 m x 14 cm x 0.35 mm</td>
</tr>
<tr>
<td>47024</td>
<td>Latex-free band 45 m x 14 cm x 0.40 mm</td>
</tr>
</tbody>
</table>

**Table: LATEX TUBES WITH TPR HANDLES**

<table>
<thead>
<tr>
<th>GIMA Code</th>
<th>LATEX TUBE WITH TPR HANDLES</th>
</tr>
</thead>
<tbody>
<tr>
<td>47050</td>
<td>Latex tube with TPR handles</td>
</tr>
<tr>
<td>47051</td>
<td>Latex tube with TPR handles</td>
</tr>
<tr>
<td>47052</td>
<td>Latex tube with TPR handles</td>
</tr>
<tr>
<td>47053</td>
<td>Latex tube with TPR handles</td>
</tr>
<tr>
<td>47054</td>
<td>Latex tube with TPR handles</td>
</tr>
</tbody>
</table>

---
HAND/FINGER/WRIST EXERCISERS

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.

- **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.
**NASAL WASH**

28083

- 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**

28070

- 28070 HUMI-RAINBOW HUMIDIFIER
  - A cold-mist ultrasonic humidifier with an attractive design and cromatic 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

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

The rear compartment can accommodate balsamic essences

**VAPINAL INHALER**

28110

- 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.

**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**

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

GIMA code   NEBULIZER ACCESSORIES       To be used with

28147       PVC connection tube - 1m        all nebulizers
28139       Nebulizer bulb              all nebulizers
28146       Facemask - adult* - replaces 28143
28144       Facemask - paediatry* - replaces 28144
28157       Mouthpiece - nasal prong    all nebulizers
28138       Nebulizer kit                all nebulizers
28140       Nebulizer bulb
  - adult and pediatric facemask, pvc-tube, bulb, nasal prong, mouthpiece
28140       Includes mouth piece and nasal prong

Fasterjet bulb:
- With Valve System
- Nebulizer bulb 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

**ACCESSORIES FOR NEBULIZER**

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

GIMA code   NEBULIZER ACCESSORIES       To be used with

28158       Fasterjet bulb* with Valve System
28164       Nebjet bulb ** with Double Venturi Effect
28165       Mouthpiece bi-valve
28166       Mouthpiece
28167       Nasal Prong
28168       Facemask-adult***
28169       Facemask-pediatry***
28145       Filter - spare

* With elastic
* Standard with Happyneb II, Hospyneb
** Without elastic
** Standard with Happyneb I, III, Betaneb

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

**VAPINAL AMPULLA** - spare part
FAMILY AND PINGOO ULTRASONIC NEBULIZERS

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, even 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, DE, ES, PT, GR, SA.
Made in Italy.

28093 FILTER - spare - box of 3

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.

STANDARD ACCESSORIES
Adult facemask (only Family)
Paediatric facemask
Nasal prong, Mouthpiece
Connection tube
Optional battery

Spare Kit: includes adult and paediatric facemask, nasal prong, mouthpiece and tube

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 2xAA 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, 2xAA 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

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 Ila.
Made in Italy.

28093 FILTER - spare - box of 3

COMPACT SILENT

TECHNICAL SPECIFICATIONS
Power supply: 2xAA 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

TECHNICAL SPECIFICATIONS
AC adapter: input 100-240 V - 50/60 Hz - 0.6 A
Operating cycle: 30/30 min. ON/OFF
Noise level: 51 dB
Nebulization rate: 0.45 ml/min with NaCl 0.9%
Max pressure: 165 kPa/1.65 bar
Particle size: 75% < 5 μm (NaCl 0.9%)
Size and weight: 132x140x60 mm - 450 g
HAPPYNEB NEBULIZERS FOR DOMESTIC USE - PISTON

- 28132 HAPPYNEB II NEBULIZER - piston 230V - Faster-Jet
- 28135 HAPPYNEB III NEBULIZER - piston 230V

Happneb 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

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
- Connection tubing

TECHNICAL SPECIFICATIONS

28132 - HAPPYNEB II
28135 - HAPPYNEB III

<table>
<thead>
<tr>
<th>Voltage:</th>
<th>230V/50 Hz</th>
<th>230V/50 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max pressure:</td>
<td>280 kPa</td>
<td>250 kPa</td>
</tr>
<tr>
<td>Operating pressure:</td>
<td>110 kPa</td>
<td>90 kPa</td>
</tr>
<tr>
<td>Air flow:</td>
<td>15 l/min</td>
<td>14 l/min</td>
</tr>
<tr>
<td>Dimensions:</td>
<td>31x22x13 cm</td>
<td>22x14.5x12 cm - 1.7 kg</td>
</tr>
<tr>
<td>Weight:</td>
<td>2.3 kg</td>
<td>2 kg</td>
</tr>
<tr>
<td>Noise level:</td>
<td>58 db</td>
<td>58 db</td>
</tr>
<tr>
<td>Temporary use:</td>
<td>Continuous use</td>
<td>30/30 min ON/OFF</td>
</tr>
<tr>
<td>Class of risk - norms</td>
<td>IIa</td>
<td>IIa - Class II, Type B</td>
</tr>
</tbody>
</table>

ATOMIZER 2 SPEEDS, PISTON NEBULIZER FOR FAMILY USE

• 28094 ATOMIZER NEBULIZER - 2 speeds

Piston-type compressor with 2 speeds for cordless 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

- Nebjet bulb with connector
- Adult and child mask
- Mouthpiece and nose piece
- Air tube and 3 air filters

EOLO NEBULIZER - PISTON

• 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.

TECHNICAL SPECIFICATIONS

| Operating voltage: | 230V - 50Hz - 170/VA |
| Operating pressure: | 1.1 bar |
| Air flow: | 14 l/min |
| Nebulization rate: | 0.4 ml/min |
| Particle size: | < 5 µm |
| Max Pressure: | 2.5 bar |
| Dimensions: | 138x8x14.6 cm - 1.5 kg |
| Noise level (EN 13544-1): | 60 db |
| Class of risk: | IIa |
| Norms: | insulation class, Type B |
| Origin: | 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

TECHNICAL SPECIFICATIONS

| Operating voltage: | 230V/50 Hz - 170/VA |
| Operating pressure: | 1.1 bar |
| Air flow: | 14 l/min |
| Nebulization rate: | 0.4 ml/min |
| Particle size: | < 5 µm |
| Max Pressure: | 2.5 bar |
| Dimensions: | 138x8x14.6 cm - 1.5 kg |
| Noise level (EN 13544-1): | 60 db |
| Class of risk: | IIa |
| Norms: | insulation class, Type B |
| Origin: | Italy |
PHYSIOTHERAPY - NEBULIZERS - SUCTION PUMPS

NEBULIZERS FOR PROFESSIONAL AND HOSPITAL USE

NEBULIZERS FOR PROFESSIONAL AND HOSPITAL USE

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

• 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

CONTINUOUS USE COMPRESSOR

• 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 IIa - 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: 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

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
Air flow: 16 l/min
Operating pressure: 130 kPa (1.30 bar)
Operating air flow: 5.2 l/min at 130 kPa
MMAD: 3.25 µm GSD: 3.45
Size: 255x190xh 105 mm  Weight: 2.2 kg
Noise level: approx 57 db Made in Italy

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

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

• 28176 COMPRESSOR - spare for 28134 230 V - 50/60 Hz

TECHNICAL SPECIFICATIONS
Operating Voltage: 230 V - 50 Hz
Max pressure: 250 kPa (2.5 bar)
Operating pressure: 130 kPa (1.30 bar)
Nebulization rate: 0.50 ml/min with 4 ml solution
MMAD: 3.25 µm GSD: 3.45
Size: 19.6x35.7xh 18.5 cm  Weight: 2.5 kg
Noise level: 55 dBA
Air flow: 0-130 kPa (0-1.3 bar)
Made in Italy

STANDARD ACCESSORIES
Metal box
PHYSIOTHERAPY - NEBULIZERS - SUCTION PUMPS

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/cm³ - DIN 53479A
Tensility: 10.8 N/mm² - DIN 53504 S1
Stretch: 600/650% - DIN 53504 S1
Tear resistance: 34-35 N/mm - ASTM D 624 B
Reverse pull elasticity: 51% - DIN 53512
Compression set: (22h/175°C): 15-20% - DIN 53517

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

ACCESSORIES FOR ANY SUCTION ASPIRATOR

28262 S/S Bierer Aspiration tube Ø 8 mm
28264 S/S Bierer Aspiration tube Ø 12 mm
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

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
PHYSIOTHERAPY - NEBULIZERS - SUCTION PUMPS

**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

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.

**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 ANTI-BACTERIAL FILTER - spare**

**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**

**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.
  **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

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.
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
- 28256 Silicone tubing set Ø 6x12 mm
- 28257 DISPOSABLE SUCTION LINER
- 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
- Bottle capacity: 1,000 or 2,000 ml
- Flow: 30 air litres/min
- Internal battery: 12 VDC 4A h lead hermetic
- Battery autonomy: about 45 minutes, recharging time approx 6 hours
- MAX vacuum: 0 ± 85 kPa
- Operating cycles: continuous (45 minutes battery autonomy)
- Norms: MDD 93/42/EEC (Class Ia - annex IX)
- UNI EN ISO 10079-1/ UNI CEI EN ISO 14971
- EN60601-1(IEC 60601-1) / EN60601-1-2 (IEC 60601-1-2)
- Degree of protections against ingress of liquids: IP34d (IEC 529)

STANDARD ACCESSORIES

- AC/DC adapter 110-230 V, 50-60 Hz - only 28183
- Car-ambulance adapter (12 V - 4 A) - only 28183
- Support bracket for ambulance (only 28182)
- Support bracket for ambulance (28182 only)

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 small and coal residuals. Various options of jar: standard autoclavable polycarbonate (121°C), optional FLOWAC® 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/min
- Duty cycle: non stop operation (by mains or 12 V only)
- Size - Weight: 32x30x99 cm - 7.9 kg
- Operating voltage: 100-240 V - 50/60 Hz
- Internal rechargeable Pb battery: 12V - 4A

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.
162

PHYSIOTHERAPY - NEBULIZERS - SUCTION PUMPS

**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).

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: - 0.85 bar
Suction power: 16 air litres/min
Norms: IEC 601-1 - Class II Type B. Made in Italy

**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

**SUPERVEGA SUCTION ASPIRATOR ON TROLLEY**

- **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

**TECHNICAL SPECIFICATIONS**

Size: 32x30xh 90 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) - C E 93/42 EEC
User manual (GB, FR, DE, IT, ES)
Made in Italy

**STANDARD ACCESSORIES**

Autoclavable jar 1000 cc with safety valve
Silicone tubing set Ø 6x12 mm
Disposable suction liner
Sterile cannula

**STANDARD ACCESSORIES**

Anti-bacterial hydrophobic filter
Multivoltage battery charger
Cigarette lighter power cord.
Shoulder carrying bag
User manual (GB and IT)

Made in Italy

**25482 SILICONE TUBE - 8x14 mm - roll of 30 m**

**28258 AUTOCLAVABLE JAR 1000 ml (with cover)**

Disposable suction liner inside autoclavable jar

**TECHNICAL SPECIFICATIONS**

Size: 2 l jar with overfl ow safety valve
1 l jar

36 l/min.

Cable to recharge batteries from car

**Cable to recharge batteries from car**

**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**
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.

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)
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.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>ASPEED ASPIRATORS</th>
<th>Power</th>
<th>Pump</th>
<th>Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>28244</td>
<td>Aspeed 15 l</td>
<td>230 V</td>
<td>single</td>
<td>metal</td>
</tr>
<tr>
<td>28245</td>
<td>Aspeed 22 l</td>
<td>230 V</td>
<td>double</td>
<td>metal</td>
</tr>
<tr>
<td>28246</td>
<td>Aspeed 22 l</td>
<td>110 V</td>
<td>double</td>
<td>metal</td>
</tr>
<tr>
<td>28280</td>
<td>Aspeed 2 15 l</td>
<td>230 V</td>
<td>single</td>
<td>plastic</td>
</tr>
<tr>
<td>28281</td>
<td>Aspeed 2 22 l</td>
<td>230 V</td>
<td>single</td>
<td>plastic</td>
</tr>
</tbody>
</table>

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

- Operating voltage: 230 V-50 Hz
- Bottle capacity: 1 l
- High vacuum: 0÷ -0.85 bar (0÷ -85 kPa)
- Flow (air litres/min): 15 l/min
- Adjustable vacuum level: 0+ 0.85 bar (0÷ -85 kPa)
- Weight: 3.5 kg
- Case material: metal
- Noise level: 55 dBA

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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Operating voltage</th>
<th>Power consumption</th>
<th>Bottle capacity</th>
<th>Flow (l/min)</th>
<th>Max suction</th>
<th>Working time: minutes</th>
<th>Size (cm)</th>
<th>Weight</th>
<th>Norms</th>
</tr>
</thead>
<tbody>
<tr>
<td>28222</td>
<td>TOBI - suction aspirator</td>
<td>220-230 V - 50/60 Hz</td>
<td>184 W</td>
<td>1,000 ml</td>
<td>18 l/min</td>
<td>-0.75 bar (563mm/Hg)</td>
<td>37x22x12</td>
<td>3.5 kg</td>
<td>IEC 601-1</td>
<td></td>
</tr>
<tr>
<td>28224</td>
<td>SUPER TOBI - suction aspirator</td>
<td>220-230 V - 50/60 Hz</td>
<td>200 W</td>
<td>1,000 ml</td>
<td>40 l/min</td>
<td>-0.80 bar (600mm/Hg)</td>
<td>37x22x12</td>
<td>5.25 kg</td>
<td>IEC 601-1</td>
<td></td>
</tr>
</tbody>
</table>
NEW INNOVATIVE RANGE OF HIGH VACUUM, HIGH FLOW ASPRATOR

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 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.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Model</th>
<th>Jar Size</th>
<th>Power</th>
<th>Foot switch</th>
<th>Flow direction diveter*</th>
</tr>
</thead>
<tbody>
<tr>
<td>28194</td>
<td>CLINIC PLUS aspirator</td>
<td>2x2 l</td>
<td>220-230 V</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>28196</td>
<td>CLINIC PLUS aspirator</td>
<td>2x4 l</td>
<td>220-230 V</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>28198</td>
<td>CLINIC PLUS aspirator</td>
<td>2x4 l</td>
<td>220-230 V</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>28200</td>
<td>HOSPI PLUS aspirator</td>
<td>2x2 l</td>
<td>220-230 V</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>28199</td>
<td>HOSPI PLUS aspirator</td>
<td>2x2 l</td>
<td>220-230 V</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>28201</td>
<td>HOSPI PLUS aspirator</td>
<td>2x4 l</td>
<td>220-230 V</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>28203</td>
<td>HOSPI PLUS aspirator</td>
<td>2x2 l</td>
<td>220-230 V</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>28204</td>
<td>HOSPI PLUS aspirator</td>
<td>2x4 l</td>
<td>220-230 V</td>
<td>yes</td>
<td>yes</td>
</tr>
</tbody>
</table>

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

NEW INNOVATIVE RANGE OF HIGH VACUUM, HIGH FLOW HOSPITAL SUCTION ASPRATOR

MAXI ASPEED SURGICAL ASPRATORS

Surgical aspirators for aspiration of body liquids in operating theatres and hospitals.

**TECHNICAL SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Model</th>
<th>Jar Size</th>
<th>Power</th>
<th>Foot switch</th>
<th>Flow direction regulator</th>
</tr>
</thead>
<tbody>
<tr>
<td>28285</td>
<td>Maxi Aspeed 60 l</td>
<td>2x2 l</td>
<td>230 V</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>28286</td>
<td>Maxi Aspeed 60 l</td>
<td>2x4 l</td>
<td>230 V</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>28288</td>
<td>Maxi Aspeed 90 l</td>
<td>2x4 l</td>
<td>230 V</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>28289</td>
<td>Maxi Aspeed 90 l</td>
<td>2x4 l</td>
<td>110 V</td>
<td>yes</td>
<td>yes</td>
</tr>
<tr>
<td>28291</td>
<td>Maxi Aspeed 90 l</td>
<td>2x4 l</td>
<td>230 V</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>28292</td>
<td>Maxi Aspeed 90 l</td>
<td>2x4 l</td>
<td>230 V</td>
<td>yes</td>
<td>yes</td>
</tr>
</tbody>
</table>

ACCESSORIES

<table>
<thead>
<tr>
<th>Code</th>
<th>Accessory</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>28294</td>
<td>Autoclavable Jar 1 l</td>
<td>with safety valve</td>
</tr>
<tr>
<td>28295</td>
<td>Autoclavable Jar 4 l</td>
<td>with safety valve</td>
</tr>
<tr>
<td>28297</td>
<td>Hydrophobic 99% antibacterial filter</td>
<td></td>
</tr>
<tr>
<td>25482</td>
<td>Silicone tube - 8x14 mm</td>
<td>roll of 30 m</td>
</tr>
</tbody>
</table>
High Vacuum, High Flow Hospital Suction Aspirator

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.

<table>
<thead>
<tr>
<th>GIMA code</th>
<th>TOBI CLINIC / HOSPITAL</th>
<th>Jar</th>
<th>Power</th>
<th>Foot switch</th>
</tr>
</thead>
<tbody>
<tr>
<td>28231</td>
<td>TOBI CLINIC - suction aspirator</td>
<td>2x2l</td>
<td>220-230 V</td>
<td>yes</td>
</tr>
<tr>
<td>28214</td>
<td>TOBI CLINIC - suction aspirator</td>
<td>2x2l</td>
<td>220-230 V</td>
<td>-</td>
</tr>
<tr>
<td>28215</td>
<td>TOBI CLINIC - suction aspirator</td>
<td>2x4l</td>
<td>220-230 V</td>
<td>-</td>
</tr>
<tr>
<td>28216</td>
<td>TOBI CLINIC - suction aspirator</td>
<td>2x4l</td>
<td>220-230 V</td>
<td>yes</td>
</tr>
<tr>
<td>28222</td>
<td>TOBI HOSPITAL - suction aspirator</td>
<td>2x2l</td>
<td>220-230 V</td>
<td>-</td>
</tr>
<tr>
<td>28202</td>
<td>TOBI HOSPITAL - suction aspirator</td>
<td>2x2l</td>
<td>220-230 V</td>
<td>yes</td>
</tr>
<tr>
<td>28223</td>
<td>TOBI HOSPITAL - suction aspirator</td>
<td>2x4l</td>
<td>220-230 V</td>
<td>-</td>
</tr>
<tr>
<td>28234</td>
<td>TOBI HOSPITAL - suction aspirator</td>
<td>2x4l</td>
<td>220-230 V</td>
<td>yes</td>
</tr>
<tr>
<td>28235</td>
<td>TOBI HOSPITAL - suction aspirator</td>
<td>2x2l</td>
<td>110 V</td>
<td>-</td>
</tr>
</tbody>
</table>

**Technical Specifications**

Hospital (28202-28232/3/4/5)

- Size: 55x45xh 65 cm
- Weight: 20 kg
- Operating voltage: 110 V or 230 V - 50/60 Hz
- Continuous suction: - 0.90 bar (675 mm/Hg)
- Flow: 90 l/min
- Norms: CEI 62-5 (IEC 601-1)

Clinic (28214/5/6, 28231)

- Size: 46x42xh 60 cm
- Weight: 13 kg
- Operating voltage: 110 V or 230 V - 50/60 Hz
- Continuous suction: - 0.90 bar (675 mm/Hg)
- Flow: 60 l/min
- Norms: CEI 62-5 (IEC 601-1)

**Accessories**

- Hydrophobic, 99% bacterial filter
- 121°C autoclavable jar 2l with overflow system
- 121°C autoclavable jar 4l with overflow system
- 134°C autoclavable jar 2l with overflow system
- 134°C autoclavable jar 5l with overflow system
- Container for disposable liner 2 l
- Disposable liner 2 l cover+bag
- Disposable liner 3 l cover+bag
- Vacuum indicator Ø 50 mm
- Vacuum indicator Ø 60 mm
- Bottom base

Made in Italy.