

## PRESTIGE LINE

## VACUUM therapy

VACUUMED

VU1392



### VACUUMTERAPIA

The Vacuum therapy is a therapeutical method which uses the effect of the vacuum in the body by combining the improvement of the tissue microcirculation with an anti-inflammatory and detoxing action.

Concretely the vacuum therapy consists in applying an inner tube to a body part, in which a depression is created and afterwards a compression to stimulate the venous and lymphatic circulation: this causes a suction effect which increases the blood afflux in the involved area, stimulating the circulation and the oxygenation, and accelerating the turnover of substances and the elimination of toxins. In the peripheral tissues the oxygen levels increase substantially and the carbon dioxide decreases: by improving the blood flow the exchange activity in the capillaries is favored and by accelerating the blood flow the venous stasis which is the main cause of various veins and venous insufficiency.

The vacuum application combined with the stimulation currents will be carried out using vacuum electrodes. Such electrodes are connected through pipes to a suction pump which causes a negative pressure inside the electrodes. During this action, the high depression requires a great quantity of blood (hyperemia) thereby improving the therapy effect through the different stimulation currents.

### INDICATIONS

Such therapy is clearly useful for treating all forms of vascular diseases affecting the legs: arteriosclerosis of lower limbs, Burger, Raynaud and all forms of venous and/or lymphatic insufficiency, such as swollen legs, lymphedema, phlebolymphedema, and cellulitis.

### — distinctive elements

- Suction : using the encoder you can increase or decrease the level of suction
- Frequency : it is possible to increase or decrease the period of time between a suction and the following
- Combined use: simply connect Channel 1 of THERAPIC (or COMBIMED) to VACUUMED via its dedicated LINK cable to perform combined treatments
- Vacuum output : the four Vacuumed outputs can work together and simultaneously; otherwise you can use just two of them, by means of the specific cable to cover the other two outputs (see the picture)
- Low noise level : Vacuumed is equipped with a low noise emission compressor, in order to perform a relaxing therapy
- Smart case : the rectangular shape of VACUUMED allows to allocate another Medical Italia equipment (ELECTROTHERAPY / COMBIMED) above the same, further reducing the overall dimensions



### SUPPLIED ACCESSORIES

- Power cable
- User Manual in DVD
- Fuses
- Vacuum cups Ø 60 mm
- Cup sponges Ø 60 mm
- Output cables
- Electrotherapy LINK connection cable

### VACUUMED

- 1
- 1
- 2 of 315mA-T
- 4
- 8
- 4
- 1



## LASERTHERAPY TECHNICAL SPECIFICATIONS

MODELS	LASERMED 2100	LASERMED 2200	LIS 1050
Power supply	230 Vca, 50-60 Hz $\pm$ 10%	230 Vca, 50-60 Hz $\pm$ 10%	230 Vca, 50-60 Hz $\pm$ 10%
Double delay type (T) mains	315 mA-T	315 mA-T	315 mA-T
Backlit LCD Display to view and check the operating parameters	Graphic colour - 320 x 240 Pixel Touch&scroll	Graphic colour - 320 x 240 Pixel Touch&scroll	Graphic bw 240x128 Pixel
Length of the Diode laser emission wave	905 nm	905 nm	905 nm
Adjustable treatment time	1-99 minutes	1-99 minutes	1-99 minutes
Adjustable pulse frequency	200 - 10.000 Hz	200 - 10.000 Hz	200 - 10.000 Hz
Pulse duration	100 nsec	100 nsec	100 nsec
Pulsed mode	10 - 100%	10 - 100%	10 - 100%
Output channels	1	2 indipendenti	1
Isolation class	I BF Type	I BF Type	I BF Type
Risk class (93/42/CEE)	IIB	IIB	IIB
Laser classification	3B	3B	3B
Stored protocols	82	82	50
Storable procotols on the internal memory	200	200	50
Storable programs on the Smart Card	200	200	
Automatic contact sensor	•	•	•
Possibility to update the software	•	•	
Weight	4 Kg	4 Kg	4 Kg
Size	39 x 14 x 30 cm	39 x 14 x 30 cm	39 x 14 x 30 cm

## VACUUM THERAPY TECHNICAL SPECIFICATIONS

MODELS	VACUUMED
Main power supply	230 Vca, 50-60Hz $\pm$ 10%
Maximum power absorbed from the mains	25 VA
Risk class ( MDD 93/42/CEE)	IIA
Treatment time	Adjustable
Range di temperature operative	( +10 : + 40) °C
Depressione realizzabile	( 0 : 0,6 ) bar
Maximum pulses with full scale frequency	60 with minimum suction intensity 15 with minimum suction intensity
Electric output channels	2 independent outputs
Table container in plastic, external size (width x height x depth)	340 x 110 x 355 mm
Weight	6,4 Kg