

## How does the Vacuum therapy work?

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.

### EL12004 VACUUM THERAPY

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. The vacuum application combined with the stimulation currents are 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.



## Therapeutic indications

Such therapy is 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, phlebolympheidema, 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 the device with our Medicstim or Komby units 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 Chinesport physio equipment (Electrotherapy / Combined) above the same, further reducing the overall dimensions.



### TECHNICAL FEATURES

|   |                                     |
|---|-------------------------------------|
| Mains power supply:                                       | 230 Vac, 50-60 Hz ±10%              |
|   | 115 Vac, 50-60 Hz ±10% (on request) |
| Maximum power absorbed:                                   | 25 VA                               |
| Output channels   | 2 independent                       |
| Achievable depressure:                                    | ( 0 - 0,6 ) bar                     |
| Insulation class EN 60601-1:                              | I / BF                              |
| Classification according to 93/42/CEE directive:          | II A                                |
| Degree of protection against liquids EN 60601-1 standard: | IPX0                                |
| Dimensions  | 36.5 x 40.5 x 12h cm                |
| Weight:   | 7.8 Kg                              |

### Standard Accessories

|                                 | Q.TY |
|---------------------------------|------|
| Power cable                     | 1    |
| Fuses                           | 2    |
| User's manual                   | 1    |
| Vacuum cups Ø 6 cm              | 4    |
| Cup sponges Ø 6 cm              | 8    |
| Output cables                   | 4    |
| Connection cable electrotherapy | 1    |

### COMPATIBILITY

|                             |                             |
|-----------------------------|-----------------------------|
| EL12050 Medicstim Basic     | EL12054 Medicstim 4 Complet |
| EL12053 Medicstim 2 Complet | EL12084 Medicstim Excellent |
| EL12058 Komby Basic         | EL12059 Komby               |