

# KAVITASON MED®



## LOW FREQUENCY ULTRASOUND DEVICE WITH REMODELLING ACTION

*Revolutionary and technologically evolved equipment for the treatment of cellulite blemishes and localized adiposities, in an effective way and with a totally not invasive, painless action without the need for recovery or convalescence.*

*The interaction between biological tissues and low frequency ultrasounds provokes the effect of cavitation, the best scientifically tested treatment against cellulite blemishes and fat, with a reduction in cms of the circumference of the treated area, already visible after the first session.*

*The ultrasounds lipocavitation with KAVITASON MED is a valid ally in aesthetical medicine, thanks to the excellent results from specifically designed protocols.*

*A sophisticated microprocessor allows for the automatic recognition of the frequency, therefore guaranteeing the maximum efficiency and maximum power.*



**CERTIFIED WELLBEING**

MADE IN ITALY

## Technical Characteristics

### ACTION

The acoustic wave generates expansion waves (negative pressure) and compression waves (positive pressure). The intensity of the ultrasound, opportunely calibrated, causes the formation, growth, and rapid decompression of steam "bubbles": cavitation, that is the formation of gaseous cavities which then collapse.

The shockwave produced by the collapsing of the "bubbles" inside the interstitial liquid is able to act on adipose cells. The cells that make up other tissues (muscles, vessels, etc...) which the ultrasounds pass through, are more resistant and the intensity of the energy produced by the "bubbles" does not alter them.

### FLEXIBLE

The electronic system carries an automatic setting of the appropriate frequency of resonance of the handpiece continuously, guaranteeing maximum effectiveness of the treatments.

### SOLID

Accurate selection of the materials submitted to rigorous controls.

### SAFE

The unity guarantees treatments in full safety thanks to the control of an electronic card with microprocessor that continuously verifies all the parameters of treatments (power, lasted).

### APPLICATION NOTES

Parts of body to be treated created by the best professionals.

### DISPLAY

Touch-screen display to visualize the settings of functions.

### DESIGN

Ergonomic and elegant lines to guarantee comfort and effectiveness.

## KAVITASON MED

### GENERAL CHARACTERISTICS

Tension Feeding	230Vac 50-60 Hz ± 10 %
Absorbed Power	50 VA
Working Temperature	10 ÷ 30 °C
Humidity	0 ÷ 85 % without condensation

Display LCD 640 x 480

Keyboard	Touch Screen on the whole visual area
Timer	Inside Clock
Acoustic Signaling	Buzzer
Fuses	2 ( 5 x 20mm ) x 630 mA

### Fixed Programmes

Memory: possibility of creating up to 100 CUSTOM programs

Free Protocol: it can be totally personalized with up to 5 consecutive programmable working stages, possibility to personalize parameters of emission ( % power, % duty cycle, frequency modulation, stage length, treatment length)

### ULTRASOUND CHARACTERISTICS

Acoustic Frequency of the Heads	36KHz ± 5%
Power of Peak Pulsed	3Watt/cm <sup>2</sup>
Handling of 2 handpieces	1 Flat / 1 Focused
Output Channels	1
Automatic System for the Setting and for the Singling out the Optimal Frequency of Oscillation in every Handpiece.	

### HANDPIECE

Diameter of the Handpiece	5 cm
Area of Effective Irradiation	180 cm <sup>2</sup>



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