



The SonoterLT unit is a state-of-the-art device designed for ultrasound therapy with continuous and pulse waves.

The unit can operate in two modes: manual or program mode.

In the first case, the users set all parameters, and in the second case they use preset treatment programs.

Innovative technical solutions applied in the design of the device and head facilitate precise control and dosing of sound wave power irrespective of the features of tissue being irradiated and the type of head.



Specifications

ULTRASOUND THERAPY

- ultrasound head 1 MHz/4 cm²
- continuous emission – thermal effect
- pulse emission – micro-massage
- ultrasound heads provided with the contact control connected to treatment timer
- stabilization of output power

MANUAL MODE

- complete control over parameters for advanced users

TREATMENT PROGRAMS

- simplification of the unit operation
- ailment units chosen by name
- 23 programs for ultrasound therapy

ERGONOMICS

- operation mode: program/manual
- easy-to-read display
- ailment units chosen by name
- treatment timer
- precise control of ultrasound wave emission during the treatment procedure
- comfort of operation – the unit does not stop the emission when ultrasound wave absorption deteriorates for a moment, e.g. in the bones area.

STRUCTURE

- unit operation controlled by microprocessor
- alphanumeric LCD display
- heavy-duty and reliable keyboard
- calibration parameters saved in the head's memory
- self-test – systematic control of the unit and heads

TECHNICAL SPECIFICATIONS

Treatment timer:	1-30 minutes
Mains supply:	230 V, 50 Hz, 40 W
Unit dimensions (without holder):	35 x 26 x 13.5 cm
Weight:	4.5 kg

Ultrasound generator:

• operation mode:	continuous, pulse
• pulse frequency:	16 Hz, 48 Hz, 100 Hz
• duty cycle for pulse mode:	5 %, 10 %, 20 %

Ultrasound head:

Operational frequency:	1 MHz
Maximum output power:	10 W
Maximum power density:	2.5 W/cm ²
ERA:	4 cm ²

WARRANTY

SonoterLT	2 years
Ultrasound heads	1 year

STANDARD ACCESSORIES

- ultrasound head GP4-1 type
- ultrasound therapy gel 500 g
- user guide

OPTIONAL ACCESSORIES

- cart

