

ultrasound therapy unit



ERGONOMICS

- operation mode: program/ manual
- preset treatment program base
- statistics – the number of performed treatments
- encyclopedia with treatment methodology description
- treatment programs chosen by name or medical field
- concise list of favorite programs
- buzzer volume setting
- possibility of edition the names of user-defined programs
- calibration parameters stored in the ultrasound head
- self-test – systematic control of the unit
- 7" color touchscreen
- real time clock
- model PHG 201A – battery unit

ULTRASOUND THERAPY

- operation frequency 1 MHz/3,5 MHz
- effective radiation area 1 cm² and 4 cm²
- continuous emission – thermal effect
- pulse emission – micro massage effect
- ultrasound heads provided with the contact control connected to treatment timer
- precise control over the ultrasound wave emission during performed treatment
- head sensitivity calibration
- automatic control of emitted power

ULTRASOUND HEADS

type GS-4	acoustic working frequency	1 and 3,5 MHz
	ERA 4 cm ² , max power	12 W
	max power density	3 W/cm ²
type GS-1	acoustic working frequency	1 and 3,5 MHz
	ERA 1 cm ² , max power	3 W
	max power density	3 W/cm ²

MANUAL MODE

complete control over parameters for advanced users

TREATMENT PROGRAMS

- 58 preset treatment programs
- 50 user-defined programs
- 58 favorite programs

TECHNICAL SPECIFICATION

- ultrasound generator operation mode – continuous, pulse
- max ultrasound wave intensity in continuous/ pulse mode – 2/ 3 W/cm²
- pulse frequency – 16 Hz, 48 Hz, 100 Hz
- duty factor for pulse mode – 5 – 75 %, step 5 %
- mains supply – 230 V, 50/60 Hz, max 75 W, 90 VA
- dimensions – 34 x 28 x 11-16 cm
- weight – 6 kg

STANDARD ACCESSORIES

- ultrasound head 1/3,5 MHz, 4 cm² with holder
- mains cable
- gel 500 g (1 pc)
- spare fuses WTA-T1 A/250 V (2 pcs)
- touchscreen stylus pen (1 pcs)
- touchscreen cleaning cloth (1 pcs)
- masking covers with cutout (2 pcs)

OPTIONAL ACCESSORIES

- ultrasound head 1/ 3,5 MHz, 1 cm² with holder
- combination therapy cable
- bag for the unit and accessories
- Versa trolley
- battery