



PhysioGo 601C

Biostimulation laser therapy
Ultrasound therapy



Features

product code	A-UC-AST-PHG601C
color display with touch panel	7"
independent treatment channels	2
manual mode of operation	✓
program mode of operation	✓
disease entities selected by name or medical field	✓
preset treatment programs database	✓
possibility of creating user programs	✓
favorite programs	✓
possibility of program names edition	✓
encyclopaedia describing the treatment methodology	✓
treatment statistics	✓
buzzer sound volume regulation	✓
battery	✓
battery	✓

Ultrasound therapy

water-resistant US heads (IPX7)	✓
continuous/ pulse emission	✓
ultrasound head contact control (effective treatment time measured)	✓
head sensitivity calibration according to the needs	✓

Laser therapy

operation with applicators: scanning laser, cluster laser and point probes	✓
emission modes: continuous and pulse	✓
regulation of laser power radiation	✓
duty factor regulation	✓
automatic laser radiation power test	✓

Preset treatment programs

preset treatment programs, including:	
for ultrasound therapy	58
IR point probe programs	39
R point probe programs	18
programs with Nogier frequency	8
programs with Voll frequency	30

automatic calculation of time relative to treatment parameters - dose, power, duty factor, treatment area	✓	preset sequences for scanning laser applicators	26
three modes of treatment field irradiation in scanning laser applicators	✓	cluster laser applicator programs	54
dedicated modes for working with optic fiber applicators	✓	user-defined programs	
optical fiber applicators for laserpuncture and ENT applications	✓	user-defined programs – ultrasound therapy	50
		user-defined programs – biostimulation laser therapy	50 (for each applicator)
pilot beam indicating the application site	✓	favorite programs	✓

Ultrasound therapy technical parameters

operating frequency	1 & 3.5 MHz
effective radiation area	1 cm ² , 4 cm ²
maximum ultrasound wave intensity	2/3 W/cm ²
frequency in pulse mode	16 Hz, 48 Hz, 100 Hz
duty factor in pulse mode	5 - 75 %, step 5%
treatment timer	30 s - 30 minutes

Laser therapy technical parameters

laser device class	3B
treatment timer	1 s - 100 minutes

Laser therapy parameters - biostimulation laser point probes

red light laser point probes wavelength	660 nm
maximum power of the red light point probes	80 mW
infrared laser point probes wavelength	808 nm
maximum power of the infrared point probes	400 mW
power regulation	25%, 50%, 75%, 100%
pulse mode frequency	1 - 5000 Hz
duty factor in pulse mode	10 - 90%, pulse 50 ?s

Laser therapy parameters - scanning laser applicator

scanning laser applicator wavelength	808 & 660 nm
maximum power of the scanning laser applicator	450 & 100 mW
power regulation	50%, 100%
pulse mode frequency	1 - 5000 Hz
duty factor for scanning laser applicator pulse mode	75%

Laser therapy parameters - cluster laser applicator

cluster laser applicator wavelength	4x 808 nm & 5x 660 nm
maximum power of the cluster laser applicator	4x 400 mW & 5x 40 mW
power regulation	50%, 100%
pulse mode frequency	1 - 5000 Hz
duty factor in pulse mode	10 - 90%, pulse 50 ?s

General technical parameters

dimensions	34 x 28 x 11-16 cm
device weight	6 kg
battery type	Li-ion
battery capacity	2250 mAh or 3400 mAh
power supply	230 V, 50/ 60 Hz