



PhysioGo.Lite LASER

Biostimulation laser therapy



Features

product code	A-UL-AST-PLL
color display with touch panel	5"
independent treatment channels	1
manual mode	✓
disease entities selected by name or medical field	✓
preset treatment programs database	✓
user-defined programs database	✓
favorite programs	✓
possibility of program names edition	✓
encyclopedia describing the treatment methodology	✓
statistics of performed treatment procedures	✓
buzzer sound volume regulation	✓
STAND BY mode	✓
battery (optional accessory)	✓
battery saving mode (option)	✓

Laser therapy

operation with applicators: scanning laser, cluster laser and point probes	✓
emission mode: continuous and pulse	✓
adjustment of laser radiation power	✓
duty factor	✓
possibility of automatic treatment procedure repetition	✓
automatic laser radiation power test	✓
automatic calculation of time relative to treatment parameters - dose, power, duty factor, treatment area	✓
three modes of treatment field irradiation in scanning laser applicators	✓
dedicated modes for cooperation with optical fiber applicators	✓
optical fiber applicators for laserpuncture and ENT applications	✓
pilot beam indicating the application site	✓

Preset treatment programs

built-in treatment programs, including:	175
IR point probe programs	39
R point probe programs	18
programs with Nogier frequency	8
programs with Voll frequency	30
cluster laser applicator programs	54
program sequences for scanning laser applicators	26

Laser therapy technical parameters

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

user configurable programs	200
favorite programs	✓

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 us

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%

General technical parameters

dimensions	25 x 27 x 16,5 cm
device weight	3 kg
battery type (option)	Li-ion
battery capacity (option)	2100 mAh
power supply, power consumption	100-240 V, 50/60 Hz