

PhysioGo.Lite COMBO

VER. 1.1

multifunctional unit



ERGONOMICS

- 5" color touchscreen
- three independent treatment channels
- intensity in patient circuit can be adjusted for both channels simultaneously or separately
- electrodes test
- possibility of two SnG heads operating simultaneously, their total area of head front in dualsection equals 34,6 cm²
- manual mode
- treatment programs selected by name or medical field
- preset treatment programs database
- preset treatment sequences database (electrotherapy)
- user programs database
- user sequences database (electrotherapy)
- list of favorite programs
- names of user programs and sequences can be edited
- built-in encyclopedia with treatment methodology
- availability of LIPUS therapy
- statistics of performed treatments
- buzzer volume adjustment
- optional battery



ELECTROTHERAPY

- CC (constant current) mode or CV (constant voltage) mode operation
- complete galvanic insulation between the channels in each mode

CURRENTS AND METHODS

- isoplanar interferential currents
- dynamic interferential currents
- one-channel AMF interferential current
- TENS symmetric
- TENS asymmetric
- TENS with alternately changing polarization
- TENS Burst
- TENS for spastic paralysis

- Kotz' current (Russian stimulation)
- tonolysis
- Hufschmidt stimulation
- diadynamic currents (MF, DF, CP, CP-ISO, LP, RS, MM)
- rectangular pulse currents
- triangular pulse currents
- Ultra Reiz current (Träbert's current) (2 – 5)
- Leduc's current (1 – 9)
- neofaradic pulse currents
- unipolar sine surge
- bipolar sine surge
- galvanic current
- microcurrents
- medium frequency MF currents
- IG pulses
- EMS currents
- H-waves
- exponential pulses



ULTRASOUND THERAPY

- water resistant heads
- continuous/ pulse emission mode
- lack of US head contact detection (effective treatment time measured)
- US head temperature control
- US head sensitivity adjustment

ULTRASOUND HEADS

GU-1 type	1 cm ² ; 1/ 3 MHz
GU-5 type	5 cm ² ; 1/ 3 MHz
SnG type	17,3 cm ² ; 1/ 3 MHz

COMBINED THERAPY

- CC (constant current) mode or CV (constant voltage) mode operation

CURRENTS IN COMBINED THERAPY

- TENS pulse currents
- AMF current
- Kotz' current
- Medium frequency currents
- EMS

TREATMENT PROGRAMS

- preset treatment programs, including:

pre-defined treatment programs for electrotherapy	304
pre-defined treatment programs for ultrasound therapy	71
pre-defined treatment programs for combined therapy	156
- user-defined programs – electrotherapy 77
- user-defined programs – ultrasound therapy 50
- user-defined programs – combined therapy 50 (for each applicator)
- favorite programs 50

TREATMENT SEQUENCES

- preset treatment sequences for electrotherapy 44
- user-defined sequences 10



TECHNICAL SPECIFICATION

Electrotherapy parameters

- max. current intensity in patient circuit (CC mode)
 - unipolar sine surge 30 mA
 - galvanic, IG 80 mA
 - diadynamic 70 mA
 - bipolar sine surge, Hufschmidt stimulation 100 mA
 - interferential, TENS, Kotz's stimulation, pulse currents, MF, tonolysis, EMS, H-waves, exponential pulses 140 mA
 - microcurrents 1000 µA
- max. voltage amplitude in the patient circuit (CV mode) 140 V
- treatment timer 1 – 60 minutes

Ultrasound parameters

- frequency of operation 1 MHz and 3 MHz
- total area of the head front GU-1; GU-5 ;SnG 1 cm²; 5 cm²; 17,3 cm²
- max. ultrasound intensity 2/3 W/cm²
- frequency in pulse mode 10 – 150 Hz with a variable step for GU-1, GU-5, SnG
1 kHz LIPUS
- regulated duty factor in pulse mode
- treatment timer 30 s – 30 minutes

General parameters

- device dimensions 25,0 x 27,0 x 16,5 cm
- weight max. 3 kg
- battery type (optional) Li-Ion
- battery capacity (optional) 2100 mAh
- mains supply 100 – 240 VAC, 50/60 Hz, 24 VDC, 2,5 A



STANDARD ACCESSORIES

- mains cable with filter 1
- switch mode power supply 1
- patients' cables 2
- electrodes 6x6 cm 4
- electrodes 7,5x9 cm 2
- viscose covers 8x8 cm 8
- viscose covers 10x10 cm 4
- velcro belt 40x9 cm 2
- velcro belt 100x9 cm 2
- USG gel 1
- touchscreen stylus pen 1
- touchscreen cleaning cloth 1
- masking covers with cutout 2
- spare fuses 1
- instructions for use 1

- electrical safety test report

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OPTIONAL ACCESSORIES

- self-adhesive electrodes 5x5 cm, 5x10 cm
- point electrodes with adapter 6 mm, 10 mm, 15 mm, 20 mm
- sand bags 21x14 cm, 21x28 cm
- GU-1 head; 1/ 3 MHz; 1 cm² with holder
- GU-5 head; 1/ 3 MHz; 5 cm² with holder
- SnG head; 1/ 3 MHz; 17,3 cm² with holder
- bag for the unit and accessories
- Versa/ Versa X/ Versa XUVC trolley
- battery