

# PhysioGo.Lite COMBO

Combination therapy  
Electrotherapy  
Ultrasound therapy



## Features

product code	A-UE-AST-PLC
color display with touch panel	5"
independent treatment channels	3
intensity in patient circuit can be adjusted for both channels simultaneously or separately	✓
electrode test	✓
possibility of two SnG heads operating simultaneously, their total area of head front in dual-section equals 34,6 cm <sup>2</sup>	✓
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 therapy	✓
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	✓
microcurrents	✓
medium frequency MF currents	✓
IG pulses	✓
EMS currents	✓
H-waves	✓
exponential pulses	✓

## Ultrasound therapy

water resistant heads	✓
continuous / pulse emission	✓
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 <sup>2</sup> ; 1/3 MHz
GU-5 type	5 cm <sup>2</sup> ; 1/3 MHz
SnG type	17,3 cm <sup>2</sup> ; 1/3 MHz

## Combined therapy

CC (constant current) mode or CV (constant voltage) mode operation	✓
Currents and methods	
TENS pulse currents	✓
AMF current	✓
Kotz' current	✓
medium frequency currents	✓
EMS	✓

## Preset treatment programs

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

## Preset treatment sequences

preset treatment sequences for electrotherapy	44
user-defined sequences	10

## Electrotherapy technical 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 ?A
max. voltage amplitude in the patient circuit (CV mode)	140 V
treatment timer	1-60 minutes

## Ultrasound therapy technical parameters

## General technical parameters

frequency of operation	1 MHz and 3 MHz
total area of the head front GU-1; GU-5; SnG	1 cm <sup>2</sup> ; 5 cm <sup>2</sup> ; 17,3 cm <sup>2</sup>
max. ultrasound intensity	2/3 W/cm <sup>2</sup>
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 settings with an accuracy of 1 s using the on-screen keyboard	30 s - 30 minutes

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