



# PhysioGo 300A

Combination therapy  
Electrotherapy  
Ultrasound therapy



## Features

product code	A-UC-AST-PHG300A
color display with touch panel	7"
independent treatment channels	3
intensity regulation in the patient circuit for both channels simultaneously or separately	✓
electrode test	✓
manual mode	✓
disease entities selected by name or medical field	✓
preset treatment programs database	✓
preset treatment sequences database	✓
user-defined programs database	✓
user sequence database	✓
favorite programs	✓
possibility of program names and user sequences edition	✓
encyclopedia describing the treatment methodology	✓
statistics of performed treatment procedures	✓
buzzer sound volume regulation	✓
battery (optional accessory)	✓

## Electrotherapy

operation in CC (current stabilization) or CV (voltage stabilization) modes	✓
full galvanic isolation between channels in each mode	✓
Currents and methods	
interferential isoplanar	✓
interferential dynamic	✓
interferential single channel AMF	✓
TENS symmetric	✓
TENS asymmetric	✓
TENS alternating	✓
TENS burst	✓
TENS for spastic paralysis therapy	✓
Kotz' current (Russian stimulation)	✓
tonolysis	✓
diadynamic (MF, DF, CP, CP-ISO, LP)	✓
pulsed rectangular	✓
pulsed triangular	✓
pulsed UR according to Trabert (2 - 5)	✓
pulsed according to Leduc (1 - 9)	✓
pulsed neofaradic (1 - 19)	✓
unipolar sine surge	✓
galvanic	✓
microcurrents	✓

## Ultrasound therapy

waterproof ultrasound heads	✓
continuous / pulse emission	✓
ultrasound head contact control (effective treatment time measured)	✓
head sensitivity calibration according to the needs	✓

## Combined therapy

operation in CC (current stabilization) or CV (voltage stabilization) modes	✓
Currents and methods	✓
interferential single channel AMF	✓
TENS symmetric	✓
TENS asymmetric	✓
TENS alternating	✓
TENS burst	✓
Kotz' current (Russian stimulation)	✓

## Preset treatment programs

built-in treatment programs, including:	204
built-in treatment programs for electrotherapy	69
built-in treatment programs for ultrasound therapy	58
built-in treatment programs for combined therapy	77
user configurable programs	150
favorite programs	✓

## Preset treatment sequences

built-in treatment sequences for electrotherapy	38
user-defined sequences	10

## Electrotherapy technical parameters

max. current intensity in the patient circuit (CC mode)	
galvanic	40 mA
diadynamic, impulse	60 mA
interferential, Kotz' current	100 mA
unipolar sine surge	100 mA
TENS	140 mA
tonolysis	100 mA
microcurrents	1000 uA
max. voltage amplitude in the patient circuit (CV mode)	140 V
treatment timer	30 s - 60 minutes

## Ultrasound therapy technical parameters

operating frequency	1 & 3,5 MHz
effective radiation area	1 cm², 4 cm²
maximum ultrasound wave intensity	2/3 W/cm²
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

## General technical parameters

dimensions	34 x 28 x 11-16 cm
device weight	6 kg
battery type	Li-Ion
battery capacity	2250 mAh
power supply, power consumption	230 V, 50/60 Hz, 75 W, 90 VA