

Electrotherapy



Aries S

The basic unit for electrotherapy.

The unit generates all commonly used currents: unidirectional (unipolar) and bidirectional (bipolar). The unit has the possibility of performing the electrodiagnostics of the nervous-muscle system, in auto mode it calculates rheobase, chronaxie, as well as threshold, coefficient and quotient of accommodation.

Aries works perfectly as a current generator used together with ultrasounds in combination therapy. Thanks to the possibility of setting constant voltage mode (CV), the operation with the ultrasound head as an active electrode, becomes more comfortable for the patient. Small dimensions of the unit and its light weight make it easy to transport and use beyond its dedicated place of operation, e.g. in the home healthcare environment.

SPECIFICATION

ELECTROTHERAPY – CURRENTS

- galvanic
- diadynamic (MF, DF, CP, CP-ISO, LP)
- pulse (rectangular, triangular, UR according to Träbert)
- interferential (dynamic, static, one-channel)
- Kotz'/Russian stimulation
- TENS (symmetric, asymmetric, alternating, burst)

ELECTRODIAGNOSIS

- semi-automatic determination of the curve I/t
- automatic calculation of rheobase, chronaxie, coefficient and quotient of accommodation

MANUAL MODE

complete control over parameters for advanced users

TREATMENT PROGRAMS

- simplification of the unit operation
- treatment programs chosen by name
- 50 preset treatment programs
- 20 user-defined programs
- naming individual user programs

TREATMENT PROGRAMS SEQUENCES

- simplification of the unit operation
- treatment programs arranged in one treatment procedure
- 10 preset sequences chosen by name



Aries S

Technical specification

ERGONOMICS

- two application channels
- operation mode: program/manual
- easy-to-read display
- operation in graphic mode
- treatment programs chosen by name
- treatment timer
- amplitude regulation in patient's circuit – simultaneous for both channels or separate

STRUCTURE

- graphic LCD display
- modern design
- heavy-duty and reliable keyboard
- operation in constant current (CC) and constant voltage (CV) modes
- complete galvanic isolation between channels in each mode
- generation of unipolar currents in interrupted mode
- self-test-systematic control of the unit

TECHNICAL SPECIFICATIONS

controller – maximum constant current in patient's circuit (CC mode)	galvanic	40 mA
	diadynamic, pulse	60 mA
	interferencial, Kotz'	100 mA
	TENS	140 mA

maximum voltage in patient's circuit (CV mode)	100 V
treatment timer	1 – 60 min
mains supply	230 V, 50Hz, 40W
dimensions	30x23x11 cm
weight	3 kg

WARRANTY

Aries	2 years
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STANDARD ACCESSORIES

- mains cable
- patient's cables
- electrotherapy electrodes
- viscose electrode covers
- velcro belts
- user guide

OPTIONAL ACCESSORIES

- point electrodes
- disposable self-adhesive electrodes
- sand-filled bags
- crocodile clip
- lead for combination therapy
- bag for the unit and accessories
- trolley

