

# Electrotherapy

## Aries

The basic unit in electrotherapy available in two versions  
Aries S two-channel unit  
Aries M one-channel unit

The unit generates all the most 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 calculating rheobase, chronaxie, as well as threshold, coefficient and quotient of accommodation.

The Aries unit works perfectly as a generator of currents used together with ultrasound 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.

The small dimensions and light weight of the unit make it easy to transport and to work out of the dedicated position, 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 (one-channel for the M version) (dynamic, static, one-channel)
- Kotz'/Russian stimulation
- TENS (symmetric, asymmetric, waving, burst)

#### ELECTRODIAGNOSIS

- semi-automatic determination of the curve I/t
- automatic calculation of the 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 (30 for the M version unit)
- 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 (8 for M version), chosen by name



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## Technical specifications

### ERGONOMICS

- two application channels (one for M version)
- 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
- operates in constant current (CC) and constant voltage (CV) modes
- complete galvanic isolation between channels in each mode
- generating of unipolar currents in interrupted mode
- self-test-systematic control of the unit

### VERSIONS

Aries S two-channel unit

Aries M one-channel 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 minut
mains supply	230 V, 50 Hz, 40 W
dimensions	30x23x11 cm
weight	3 kg

### WARRANTY

Aries 2 years

### STANDARD ACCESSORIES

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

### OPTIONAL ACCESSORIES

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

