

# MIXING 2 (evo)

Electro Therapy Equipment



(ordering code 3M00) Combined therapy

**MIXING 2** is an electrotherapy stimulator with built-in ultrasound unit. It features two independent stimulation channels with adjustable intensity for the delivery of low and medium frequency treatment. The ultrasound unit operates at 1MHz frequency. Ultrasound operation is independent or in combination with one of the two stimulator channels.

### PATIENTS DATABASE

allows storing:

- patients data
- pathology
- description of treatment
- treatment customisation
- evaluation of pain level at the beginning and at the end of treatment

Our patient database provides immediate

access to the customized treatment allowing it to be easily and quickly repeated.

### PROGRAMS AND SEQUENCES

Huge memory to store new programs and sequences of combined programs. this allows creating customized treatments tailored to the patient's specific needs.



## MAIN FEATURES

- Continuous output with maximum power of 2W/cm<sup>2</sup>
- Pulsed output with maximum power of 3W/cm<sup>2</sup>
- Pre-set programs for common pathologies
- Visual and acoustic no-contact indication
- Real treatment time (timer stops in case of bad contact)
- Ample graphic display showing all output parameters
- Facility for connection of ultrasound unit with a stimulator channel for a combination therapy
- 11 stimulation modes (types of current)
- Simple or combined pre-set treatment protocols
- User-programmable protocols for each of the 11 modes of emission
- Possibility to sequence programs belonging to the same output mode
- Constant-current/constant-voltage
- User-Friendly System
- Patients database
- Possibility to store modified programs and protocol sequences

## STANDARD EQUIPMENT

(see pages 8,11)

- 1 pc. - 1MHz/5cm<sup>2</sup> soundhead (A01.00053)
- 1 pc. - 260gr. gel tube (R/273)
- 2 pcs. - Electrostimulation cables (C/IS)
- 4 pcs. - Electrodes 60X40 mm (EL/1)
- 2 pcs. - Electrodes 60X60 mm (EL/2)
- 2 pcs. - Electrodes 60X120 mm (EL/3)
- 4 pcs. - Pads for EL/1 (S/1)
- 2 pcs. - Pads for EL/2 (S/2)
- 2 pcs. - Pads for EL/3 (S/3)
- 2 pcs. - Elastic straps 50 cm (F6)
- 2 pcs. - Elastic straps 100 cm (F7)
- 1 pc. - Black splitting cables (C/DU-N)
- 1 pc. - Red splitting cables (C/DU-R)
- 1 pc. - Black cable with 2 mm plug (C/RD-N)
- 1 pc. - Red cable with 2 mm plug (C/RD-R)
- 1 pc. - Power cable (C/A)

Equipment compliant with Directive 93/42/EEC integrated by Directive 2007/47/EC



## TECHNICAL DATA

Power supply:	115 - 230 V (±10%) 50-60Hz
Input:	80 VA
Weight:	4,2 Kg.
Dimensions (LxWxH):	33 x 32,8 x 23 cm
Insulation class:	Class I - BF type

## TECHNICAL DATA Ultrasound

Rated frequency:	1MHz
Number of heads:	1
Pulse frequency:	100Hz
Output:	continuous and pulsed
Intensity:	0 ÷ 2W/cm <sup>2</sup> continuous 0 ÷ 3W/cm <sup>2</sup> pulsed
Soundhead:	1MHz, 5 cm <sup>2</sup> with no-contact light indication, suitable for underwater treatments
Time:	0 ÷ 30 min

## OPTIONAL EQUIPMENT

• Point Electrode (M/SP-P)	• Evoline bag (A02.00241)
• Vaginal electrode (EV/1)	• Evoline trolley (A01.00056)
• Vaginal electrode (EV/2)	• Tray for Evoline trolley (A01.00047)
• Vaginal electrode (EV/3)	
• Vaginal electrode (EV/4)	
• Anal electrode (EL/A)	

## STIMULATION MODES



**Tens:** It features many resident programs for most common pathologies. Frequency: 2÷200 Hz. Pulse duration: 50÷600 µs. Intensity: 0÷250 mA (Ipp).



**Muscle:** symmetric bidirectional pulses. Features a file with a number of programs for the treatment of different muscle conditions. Frequency: 2÷200Hz. Duration: 50÷600 µs. Intensity: 0÷250mA (Ipp).



**Bipolar interferential current:** amplitude-modulated square-wave bidirectional current. Square-wave frequency: 4000Hz. (±20%) Sinusoidal frequency of modulation: 5÷200Hz. Intensity: 0÷250mA (Ipp).



**Tetrapolar vector:** Amplitude-modulated bidirectional current. Square wave frequency 4000Hz. Sinusoidal frequency of modulation 5÷200Hz, Intensity 0÷250 mA (Ipp)



**Kotz:** Interrupted sinusoidal current. Sinusoidal frequency: 1000÷2500Hz. Modulation frequency: 5÷200Hz. Intensity: 0÷250mA (Ipp).



**Faradic current:** Unidirectional pulses. Frequency: 1÷100Hz. Intensity: 0÷130mA (Ip).



**Iontophoresis:** interrupted unidirectional current. Frequency: 8000 Hz. Duty cycle: 95%. Intensity: 0÷30mA (Ip).



**Diadynamic currents:** single-phase (MF), two-phase (DF), short-period (CP), long-period (LP). Intensity: 0÷30mA (Ip).



**Pulses:** rectangular and triangular unidirectional pulses. Duration: 1÷1000 ms. Pause: 1÷5 s. Intensity: 0÷30 mA



**Traebert:** rectangular, unidirectional current. Pulse duration: 2 ms. Pause: 5 ms. Intensity: 0÷30 mA



**Urology:** bidirectional symmetrical pulses. Frequency: 2 ÷ 200 Hz. Pulse duration: 50÷600 µs. Maximum current: 250 mA (Ipp). Output characteristic: constant voltage (CV)