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PAN India Distributor & Importers



**SANARE
MEDICAL**



PROGENY
Rehab tech

(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/cm²
- Pulsed output with maximum power of 3W/cm²
- 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

- 1 pc. - 1MHz/5cm² 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. - Sponge for EL/1 (A02.00316)
- 2 pcs. - Sponge for EL/2 (A02.00317)
- 2 pcs. - Sponge for EL/3 (A02.00318)
- 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 2mm plug (C/RD-N)
- 1 pc. - Red cable with 2mm plug (C/RD-R)
- 1 pc. - Power cable (C/AE)

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



TECHNICAL DATA

Power supply:	230 V (±10%) 50 Hz
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 ² continuous 0 ÷ 3W/cm ² pulsed
Soundhead:	1MHz, 5 cm ² with no-contact light indication, suitable for underwater treatments
Time:	0 ÷ 30 min

OPTIONAL EQUIPMENT

- Point Electrode (M/SP-P)
- Vaginal electrode Ø20 x 10 mm (EV/1)
- Vaginal electrode Ø25 x 14 mm (EV/2)
- Vaginal electrode Ø25 x 10 mm (EV/3)
- Vaginal electrode Ø20 x 10 mm (EV/4)
- Anal electrode Ø12 x 10 mm (EL/A)
- Trolley Model "Z" (A01.00128)

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).
-  **NMES:** bidirectional symmetrical 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:** two-pole amplitude-modulated interferential current (AMF). Square-wave frequency: 4000Hz. Sinusoidal frequency of modulation: 5÷200Hz. Intensity: 0÷250mA (Ipp).
-  **Quadripolar Interferential Vector:** amplitude-modulated (AMF) interferential 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 exponential pulses. Frequency: 1÷100Hz. Intensity: 0÷130mA (Ip).
-  **Iontophoresis:** medium-frequency 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 pulses. Duration: 1÷1000 ms. Pause: 1÷5 s. Intensity: 0÷30 mA (Ip)
-  **Traebert:** rectangular unidirectional current. Pulse duration: 2 ms. Pause: 5 ms. Intensity: 0÷30 mA (Ip)
-  **Urology:** bidirectional symmetrical pulses. Frequency: 2 ÷ 200 Hz. Pulse duration: 50÷600 µs. Intensity: 250 mA (Ipp). Output characteristic: constant voltage (CV)



SANARE MEDICAL PVT LTD

Website : www.sanaremedical.com

Email : info@sanaremedical.com

Tel : +91 9810275300 , +91 98101 37486

Corp. Office: E-354 Greater kailash Part 1
New Delhi 110048

Regd. Office : DP 61 Phase 1 Udyog Vihar
Gurugram Haryana 122001