

ALL-STIM

- ▶ Four channel (8-lead) all digital combo Muscle Stim, Russian Stim, Interferential, and TENS
- ▶ Separate intensity controls for each channel
- ▶ Fully adjustable EMS mode (Synchronous) with programmed default settings
- ▶ Fully adjustable Russian Stim mode w/ programmed default settings
- ▶ 3 Preset Interferential programs and 1 adjustable frequency program w/ vector sweep
- ▶ 2 fully adjustable TENS modes (Normal and Modulated Width) Burst mode is preset
- ▶ One program can be locked for each EMS, Interferential, and TENS modes
- ▶ Treatment start/pause button
- ▶ Easy to use and operate
- ▶ Treatment timer (1-60 minutes)
- ▶ Compliance monitor
- ▶ LCD display with push button control panel
- ▶ Safety power on/off switch
- ▶ AC wall adapter or 4 AA battery power supply
- ▶ Heavy duty color-coded cables
- ▶ Durable for clinic or home setting
- ▶ 1 year warranty
- ▶ Available in 2 channel version: AllStim2
- ▶ Comes with 2 pkgs of 4 reusable self-adhering electrodes, 2 pairs of 48" 4-lead pin connection wires, 4 AA high-powered Ni-MH rechargeable batteries, 1 each AA battery charger, 4 Alkaline batteries, AC wall adapter, zippered padded carrying fanny pack, and instruction manual

Technical Specifications

Channels Four

Timer 1 - 60 minutes with buzzer sound at end of treatment time

Compliance Number Counts number of times the start/stop key is pressed

Compliance Timer Counts units of total treatment time unit was used. 1 unit = 5 minutes

Lock Key Saves selected treatment parameters and locks out any other input

Power Supply AC wall adapter or 4 AA battery power supply

Size 10 x 15.8 x 4.45 cm

Weight 408 grams, unit only

Electrical Muscle Stim Specifications:

Conventional Stim (MS-CONVL) [Default EMS mode]

Amplitude 90 mA peak at 500 ohm load ($\pm 10\%$)

Output Voltage 45 V peak to peak at 500 ohm load ($\pm 10\%$)

Waveform Symmetrical biphasic

Pulse Rate 1 - 150 Hz [Default 70 Hz]

Pulse Width 200 - 450 μS [Default 400 ms]

Contraction Time 1 - 60 sec. (+/- 2 sec / 10 sec) [Default 10 sec.]

Relaxation Time 0 - 60 sec. (+/- 2 sec / 10 sec) [Default 15 sec.]

Ramp Up/Down 1 - 9 sec. (+/- 2 sec / 10 sec) [Default 2 sec.]

Russian Stim (MS-RUSS) Specifications:

Amplitude 90 mA peak at 500 ohm load ($\pm 10\%$)

Output Voltage 45 Volts peak to peak at 500 ohm load ($\pm 10\%$)

Waveform Symmetrical biphasic

Pulse Rate Channels 1 & 3 fixed at 2500 Hz; Channels 2 & 4 fixed at 2550 Hz

Pulse Width 200 μS fixed

Contraction Time 1 - 60 sec. (+/- 2 sec / 10 sec) [Default 10 sec.]

Relaxation Time 0 - 60 sec. (+/- 2 sec / 10 sec) [Default 15 sec.]

Ramp Up/Down 1 - 9 sec. (+/- 2 sec / 10 sec) [Default 2 sec.]

Interferential (IFT) Specifications:

Amplitude 80 mA peak at 500 ohm load ($\pm 10\%$)

Output Voltage 40 V peak to peak at 500 ohm load ($\pm 10\%$)

Waveform True sine wave

Pulse Width: 100 μS fixed

Pulse Rate: Channels 1 & 3 fixed at 5000 Hz; Channels 2 & 4 variable 5001 - 5250 Hz

LOW [Default IFT mode] Pulse Rate sweeps from 1 - 10 Hz/sec.

HIGH Pulse Rate sweeps from 80 - 150 Hz per second

WIDE Pulse Rate sweeps from 1 - 250 Hz per second

FIXED w/ Vector Sweep Selectable fixed Pulse Rate from 10-200 Hz in 10 Hz increments. Built-in Vector Sweep provides a "sweeping" effect of the stimulation from Channel 1 to Channel 2 and from Channel 3 to Channel 4 from 100% - 0% stimulation and then from 0% - 100% stimulation in a period of 22 seconds

TENS (TNS) Specifications:

Amplitude 90 mA peak at 500 ohm load ($\pm 10\%$)

Output Voltage 45 V peak to peak at 500 ohm load ($\pm 10\%$)

Waveform Symmetrical biphasic

Conventional TNS [Default TENS mode] Pulse Width: Adjustable 50 - 250 μS [Default 250 ms]; Pulse Rate: Adjustable 1 - 150 Hz [Default 70 Hz]

Burst TNS Pulse Width: 250 μS fixed; Pulse Rate: 50 Hz with bursts of 7 pulses per second followed by 2-second rest

Modulation TNS Pulse Width: Modulates between 100 - 200 μS over a 2 second time period; Pulse Rate: Adjustable 1 - 150 Hz [Default 150 Hz]



Top view



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