

## MUSCLE STIMULATORS

USED TO RELAX MUSCLE SPASMS, PREVENT OR RETARD DISUSE ATROPHY, INCREASE LOCAL BLOOD CIRCULATION, RE-EDUCATE MUSCLES, MAINTAIN OR INCREASE THE RANGE OF MOTION, PREVENT VENOUS THROMBOSIS BY IMMEDIATE POSTSURGICAL STIMULATION IN SELECTIVE MUSCLES

### EMS6500

#### Specifications:

Channel: Dual, isolated between channels

Output Waveform: The output waveform is asymmetric square pulse

Amplitude: Adjustable 0-80 mA peak into 500 ohm load each channel

Pulse Rate: Adjustable, 2 Hz-120 Hz

Pulse Width: Adjustable 50 us~300 us

Ramp (Ramp up & Ramp down): The time required to reach the pulse width value and amplitude setup value or from setup value to zero can be selected to be 1~8 seconds (Ramp up value=Ramp down value)

Cycle On Time: Adjustable 2~99 seconds. (ON TIME includes Ramp up time & Ramp down time).

Cycle Off Time: Adjustable 2~99 seconds

Mode: Synchronous ("S"), Constant ("C") and Alternate ("A")

Battery: One 9 volt battery (alkaline)

Size: 59mm (L) x 100mm (H) x 24mm (W)

Safety Standard: EN EN60601-1, EN EN60601-1-2 (EMC test), EN IEC 60601-2-10 (partly applied)



### NMIII

#### Specifications:

Amplitude: 0-100 mA peak (constant current for 100-1000 ohm load)

Waveform: Modified Rectangular or Symmetrical Biphasic; selectable (0 net DC component)

Pulse Width: 0-300 μs; ramped

Pulse Rate: 25, 35, or 50 Hz; selectable 40-80 Hz in programmed modes

Cycle ON Time: 2, 4, 6, 10, 15, 20, 25, or 30 seconds; selectable

Cycle OFF Time: 0, 2, 5, 10, 15, 25, 35, or 50 seconds; selectable

Ramp-Up Time: 0, 0.5, 1, 2, 3, 4, 6, or 10 seconds; selectable

Ramp-Down Time: 25% of selected Ramp-Up Time (rounded to nearest half second); not selectable

Lag Time: 2, 3, 4, 5, or 6 seconds; selectable

Treatment Time: 15 minutes, 30 minutes, or Continuous; selectable

Power Source: 4 AA alkaline or rechargeable 1.5 V batteries or Line Powered Re-Pak

Electrical Protection Rating: Type BF Equipment, battery operated, do not attempt to connect to line power

Size: 3.2" x 5.2" x 1.15" (8.1 x 13.2 x 3.0 cm)

Weight: 13 ounces (370 grams)

