

Neuromuscular Stimulator, Analog

Neuromuscular stimulation is achieved by sending small electrical impulses through the skin to the underlying motor units (nerves and muscles) to create an involuntary muscle contraction. This passive exercise is therapeutic treatment to minimize the degeneration that occurs following partial denervation or immobilization.

EMS-1000/TK3

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Technical Specifications

Channel: Dual, isolated between channels
 Amplitude: Adjustable 0~(80+/-10)mA peak into 500 ohm load each channel
 Pulse Rate: Adjustable, (2+/-1)Hz~(120+/-20%)Hz
 Pulse Width: (250+/-10%)ms fixed each channel
 On Ramp: The time required to reach the pulse width value (250+/-10%)ms
 and amplitude setup value can be selected to be 1~8 seconds
 for Channel 1. The ramp cannot be selected on Channel 2
 when "Alteration" function is used.
 Cycle On Time: Adjustable (1+/-0.5)~(30+/-20%) seconds.
 Cycle Off Time: Adjustable (1+/-0.5)~(45+/-20%) seconds.
 Mode: Synchronous (S) Constant (C) and Alternation (A)
 Battery: One 9 volt battery (alkaline)
 Size: 32.5mm x 64mm x 94mm

**This device is restricted to sale by or on the order of a physician.