

EMS 2000
ELECTRICAL NEUROMUSCULAR STIMULATOR
BioMedical Life Systems
www.bmls.com



Overview

BioMedical Life Systems EMS 2000® Neuromuscular Simulator is a Two Channel analog device with Three Modes of operation; Cycled, Constant, and Reciprocal. The device has adjustable On Ramp 0-2s, On Time 0-60s, Off Time 0-60s, and Pulse Rate 1-80Hz. The unit is powered by one 9-volt battery.

General Specifications

Size: 3.9" x 2.75" x 1" (9.90cm x 6.98cm x 2.54cm)

Weight: 4.6 oz (132 grams)

Channels: Dual

Waveform: Symmetrical square biphasic (NMS)

Pulse Rate (adj.): 1 to 80 Hz

Pulse Width: 300 μ s

Stimulation Modes: 1. Constant
2. Reciprocation
3. Cycled

Output Voltage: 49 Volts peak to peak

Intensity (adj.): 0-98 mA

Power Supply: 9 Volt Battery

Output parameters are across a 500 ohm resistance.