

BIOSTIM® M7
TENS UNIT
BioMedical Life Systems
www.bmls.com



Overview

BioMedical Life Systems Inc., Digital, BioStim® M7 TENS Device has seven programmable functions; Continuous, Width Modulation, Rate Modulation, Rate and Width Modulation, SD1, SD2 and Cycled Burst. The device has a Patient Lock System that, when activated prevents the patient from changing any of the set parameters. When the Patient Lock System is turned off, a Patient Compliance Meter is displayed showing how long the device was used. A timer allows the patient to use the device for a specified period of time. The two-channel device incorporates touch proof design and is run by two AA Batteries.

General Specifications

Size: 3.25" x 2.25" x 1 5/8" (82 mm x 70mm x 45mm)

Weight: 8 oz (266 grams)

Channels: Dual

Waveform: Asymmetrical rectangular biphasic (TENS)

Pulse Rate (adj.): 1- 200 Hz

Pulse Width (adj.): 10 - 250 μ s

Stimulation Modes:

Continuous: Constant Stimulation

Rate Modulation: 50% decrease/increase of set value over a 5 second cycle

Width Modulation: 50% decrease/increase of set value over a 5 second cycle

Rate/Width Modulation: 50% decrease in set value over a five second period. As rate increases, width decreases.

SD1: Increase of set pulse width 40%, decrease of set pulse rate 45% and decrease of amplitude 10% over a 3 second period. Values return to original settings over the next 3 seconds.

SD2: Increase of set pulse width 60%, decrease of set pulse rate 90% and decrease of amplitude 13% over a 6 second period. Values return to original settings over the next 6 seconds.

Cycled Burst: 2.5 seconds on. 2.5 seconds off. Adjustable Rate and Width.

Output Voltage: 49 Volts peak to peak

Intensity (adj.): 0-98 mA

Power Supply: 2 AA Batteries

Data was recorded across a 500 ohm resistance load.