

Introducing the New TENS 212

Digital Two-Channel TENS unit

Mettler Electronics is pleased to announce its new digital TENS 212 transcutaneous electrical neuromuscular stimulator. The TENS 212 is an affordable two-channel TENS unit that has continuous, modulated and burst modes. A digital display shows all treatment parameters while the unit is in use. Pulse frequency and width may be set independently. A compliance meter provides patient-use information in hours. The timer may be set for 15, 30, 60 minutes or continuous stimulation. Each unit comes with a carrying case and all supplies necessary for therapy.



Specifications

Channel:	Dual, isolated between channels
Pulse intensity:	Adjustable 0-80 mA peak into 500 Ω load each channel, constant current
Pulse Rate:	1Hz-160 Hz (adjustable), 1Hz/step (1-20 Hz), 5Hz / step (20-160 Hz)
Pulse Width:	50 μ s – 260 μ s (adjustable), 10 μ s/steps
Patient Compliance meter:	Shows the treatment times in hours.
Timer:	15, 30, 60 minutes and continuous mode
LCD:	Shows modes, pulse rate (frequency), pulse width, timer, CH1/CH2.

Function Modes:

- B: Cycle Bursts, 2 Bursts/sec, 9 pulses / Burst, 100 Hz, width is adjustable.
- C: Continuous mode. Pulse rate, pulse width and intensity are adjustable.
- M: Modulated Width. Pulse width is automatically varied in an interval of 6 seconds. The modulation range of pulse width is from setting value to 35% less than the control setting value, then returns to the setting value. Rate, width and intensity are fully adjustable.

Wave form: Asymmetrical Biphasic square pulse

Voltage: 0-110 Volts (Open Circuit)

Max charge per pulse: 21 micro-coulombs

Power Source: 9-Volt Battery

Dimensions: 4.25" (H) \times 2.4" (W) \times 1" (T), (108 mm (H) \times 61.5 mm (W) \times 25 mm (T))

Weight: 5 oz. (140 grams), battery included

All electrical specifications are \pm 10% 500 Ω load