

# 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 $\Omega$ load each channel, constant current
Pulse Rate:	1Hz-160 Hz (adjustable), 1Hz/step (1-20 Hz), 5Hz / step (20-160 Hz)
Pulse Width:	50 $\mu$ s – 260 $\mu$ s (adjustable), 10 $\mu$ 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  $\Omega$  load

