



# TENS\*STIM

Model ME 211

## Specifications

Channels:	Two, isolated, independently controlled
Output Current:	Adjustable 0 – 80mA peak into 500Ω load each channel; RMSV at 3.5 V (max.), RMSA at 1.3mA (max.)
Max Charge per Pulse:	20.8 micro-coulombs maximum
Timer*:	5~60 min. selectable
Battery:	3 x AAA (1.5 V) batteries for a total of 4.5 V
Weight:	2.6 oz. (batteries included)
Dimensions:	3.5 in, (H) x 2.1 in. (W) x 0.8 in. (T)
LCD:	Shows modes, pulse rate, pulse width, timer, CH1/CH2, intensity level
Wave Form:	Symmetrical Bi-Phasic square pulse
Pulse Rate:	As pre-programming operation mode
Pulse Width:	As pre-programming operation mode
Operating Conditions:	+ 50°F (10°C) to +104° (40°C), 40-90% max. Relative humidity
Transportation & Storage Condition:	+14°F (-10°C) to +140° (60°C), 30-95% max. Relative humidity

\*\* All electrical specifications are  $\pm 20\%$  at 500Ω load.

### TENS preset programs

Program	Max.	Phase duration	Rate	Function mode
P1	80 mA	260 $\mu$ s	15Hz	Constant
P2	80 mA	260 $\mu$ s	60Hz	Modulated
P3	80 mA	260 $\mu$ s	60Hz	Constant
P4	80 mA	260~150 $\mu$ s	2 ~ 60Hz	Modulated
P5	80 mA	260~150 $\mu$ s	60Hz	Modulated
P6	80 mA	260 $\mu$ s	7 <->60Hz	Modulated
P7	80 mA	260~156 $\mu$ s	60Hz	Modulated
P8	80 mA	210 $\mu$ s	2.45~245 Hz	Cycle

### EMS preset programs

Program	Pulse Width ( $\mu$ s)	Ramp up (sec)	Hold on (sec)	Ramp down (sec)	Off Time (sec)	Pulse rate (Hz)
P1	300	-	2	-	1	40~99
P2	200	-	-	-	-	4
P3	300	-	-	-	-	5
P4	200	-	2	-	1	99
P5	200	2	6	2	1	4~20
P6	300	2	5	3	10	50



**Mettler Electronics Corp.**