

LaserTouchOne™ Specifications

Laser	
LASER Type	Laser Diode
Wavelength	670nm +/- 10nm
Power	1.2mW
Transcutaneous Electrical Nerve Stimulation	
Waveform, shape	Pulsed, rectangular
Maximum output voltage	15V @ 500 ohm load 150V @ 10K ohm load
Maximum output current	30 mA peak at 500 ohm load
Pulse width	6 – 80 μ sec
Frequency	45 Hz +/- 10%
Pulse period	22 mS
Maximum current density	0.23 mA/cm ² average @ 500 ohms
Maximum power density	0.0034 W/cm ² average @ 500 ohms
Maximum charge per pulse	36 μ J @ 500 ohms or 2.4 μ C @ 500 ohms
Power	
Rechargeable Battery	Lithium Ion