





Pain Management RF Generator V3 Platform Specifications




Impedance Measurement

Impedance  25 - 1000 Ω $\pm 10\%$, $\pm 10\ \Omega$
1001 - 3000 Ω $\pm 20\%$, $\pm 10\ \Omega$
Multi-RF Mode: Accuracy subject to condition that impedances of all other probes are within 100-1000 Ω ; accuracy defined at ambient temperature of 25°C

Stimulation

Stimulation Amplitude Ranges  Voltage Mode: 0.0-10 V, 0.1 V increments
Current Mode: 0.0-10 mA, 0.1 mA increments
Stimulation Rate  1 shot, 2, 5, 10, 20, 50, 75, 100, 150, 180, and 200 Hz
Stimulation Pulse Duration  0.1, 0.2, 0.5, and 1.0 ms







RF Output

Frequency  460.8 kHz $\pm 1\%$, quasi-sinusoidal
Maximum Power  50 W Maximum
Channels  1-4 User-selectable



Measurement Accuracy

Power  $\pm 0.25\text{ W}$, $\pm 5\%$
Temperature  $\pm 3\text{ }^\circ\text{C}$
Elapsed Time  $\pm 1\text{ s/min}$

Timer

Standard RF Mode  10 s - 900 s (depending on mode)
Multi-RF Mode  10 s - 900 s (depending on mode)
TransDiscal™ Mode  1 - 30 min
Cooled-RF Mode  15 s - 30 min
IDL Mode  30 s - 20 min
RFA Mode  1 - 30 min

Mechanical Specifications

Size  9.5" x 12.5" x 14.0" (24 cm x 32 cm x 35 cm) maximum
Weight  16.5 lb (7.5 kg) maximum

Environmental Specifications

Operational Temperature  10 °C to 40 °C
Storage Temperature  -40 °C to 70 °C
Humidity  20 % to 95 % non-condensing

PC Compatibility

RS232 port allows for data downloading with *DataStream*™ data recording software



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Caution : Federal Law (USA) restricts the sale of these devices to or by the order of a physician.

Patents Pending and/or issued

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