

# Technical Specifications

## GENERAL SPECIFICATIONS

Adapter Supply Voltage:	100-240 VAC, 50-60 Hz, 0.6A
Adapter Output:	15V — 1.2A Max.
Adapter Dimensions:	88mm (L) x 48mm (W) x 29mm (H)
Dimensions:	250mm (L) x 185mm (W) x 82 mm (H)
Operating Environment:	Temperature: 10°C (50°F) to 40°C (104°F) Relative Humidity: 30% - 85%
Storage Environment:	Temperature: -20°C (-4°F) to 55°C (131°F) Relative Humidity: 20% - 90%
Maximum Treatment Time:	60 minutes

## 4-Pole Interferential Mode

Waveform Type:	Bi-phasic square
Mode Selection:	CC (Constant Current) or CV (Constant Voltage)
Vector:	Auto: 0%-100% Manual: 0°-90°
Carrier Frequency (C.F.):	4.0kHz
Sweep Low Beat Frequency: (Beat H.)	(Beat L.) - 150 Hz
Sweep High Bet Frequency: (Beat L.)	1-(Beat H.) Hz
Output Intensity:	0-50mA (CC, at 1k ohm load) 0-50V (CV, at 1k ohm load)
Treatment Time:	1-60 minutes

## 2-Pole Interferential Mode

Waveform Type:	Bi-phasic square
Mode Selection:	CC (Constant Current) or CV (Constant Voltage)
Carrier Frequency (C.F.):	4.0kHz
Sweep Low Beat Frequency: (Beat H.)	(Beat L.) - 150 Hz
Sweep High Bet Frequency: (Beat L.)	1-(Beat H.) Hz
Output Intensity:	0-50mA (CC, at 1k ohm load) 0-50V (CV, at 1k ohm load)
Treatment Time:	1-60 minutes

## TENS Mode

Waveform Type:	Mono-phasic square
Mode Selection:	CC (Constant Current) or CV (Constant Voltage)
Frequency:	1-250 Hz
Frequency modulation (F.M.):	0-249 Hz
Burst Rate (Burst):	0-10Hz (7 pulse)
Phase Duration (P.Dur):	30-400µs
Amplitude Modulation (A.M.):	0%-100%
Output Intensity:	0-100mA (CC, at 1k ohm load) 0-100V (CV, at 1k ohm load)
Cycle Time (Cycle):	Continuous, 4/4, 4/8, 7/7, 5/5, 4/12, 10/10, 10/20, 10/30, 10/50
Treatment Time:	1-60 minutes

## EMS Mode

Waveform Type:	Bi-phasic square
Mode Selection:	CC (Constant Current) or CV (Constant Voltage)
Frequency:	1-250 Hz
Frequency Modulation (F.M.):	0-249 Hz
Step Duration (P.Dur):	30-400µs
Amplitude Modulation (A.M.):	0%-100%
Output Intensity:	0-100mA (CC, at 1k ohm load) 0-100V (CV, at 1k ohm load)
Treatment Time:	1-60 minutes
Ramp Time:	1s, 2s, and 5s
Cycle Time:	Continuous, 4/4, 4/8, 7/7, 5/5, 4/12, 10/10, 10/20, 10/30, 10/50

## Russian Mode

Waveform Type:	Bi-phasic square
Mode Selection:	CC (Constant Current) or CV (Constant Voltage)
Carrier Frequency (C.F.):	2.5kHz
Burst Frequency (Freq.):	20-100 Hz
Output Intensity:	0-50mA (CC, at 1k ohm load) 0-50V (CV, at 1k ohm load)
Duty Cycle:	10%, 20%, 30%, 40%, and 50%
Cycle Time:	Continuous, 5/5, 4/12, 10/10, 10/20, 10/30, 10/50
Treatment Time:	1-60 minutes
Ramp Time (Ramp):	1s, 2s, and 5s

Caution: This is a Class II Medical device and Federal law restricts this device to sale by or on the order of a licensed health care professional.