

ELECTROTHERAPY SPECIFICATIONS

TECHNICAL SPECIFICATIONS

Number of Channels:	Four, Isolated
Treatment Time:	1-60 min, adjustable
Power Supply:	100-240 VAC, 50-60 Hz
Dimensions (L x W x H):	10" x 7" x 5"
Weight:	5 lbs.
UPC:	092237615225

BIPHASIC (TENS)

Waveforms:	Asymmetrical & Symmetrical Biphasic Rectangular
Mode Selection:	CC or CV
Pulse Amplitude:	CC: 0 - 200 mA CV: 0 - 200 V
Pulse Width:	20 - 400 μ sec
Pulse Frequency:	1-250 Hz
Treatment Time:	1 - 60 minutes

NEUROMUSCULAR STIMULATION (NMS)

Mode Selection:	CC or CV
Pulse Amplitude:	CC: 0 - 200 mA CV: 0 - 200 V
Pulse Width:	20 - 400 μ sec
Interphase Interval:	120 μ sec
Pulse Frequency:	1-200 Hz
Ramp:	1s, 2s, 5s
Cycle Time:	Continuous, 10/10, 10/20, 10/30, 10/50, Custom
Treatment Time:	1 - 60 minutes

MICROCURRENT

Frequency:	0.1 - 1000 Hz
Polarity:	Positive, Negative, Alternating
Pulse Amplitude:	CC: 0 - 1,000
Cycle (Fixed):	50%
Ramp (Fixed):	1s
Treatment Time:	1-60 minutes

HIGH VOLT PULSED CURRENT (HVPC)

Frequency:	1 - 120 Hz
Polarity:	Positive or Negative
Phase Duration:	100 μ sec
Pulse Amplitude:	CV: 0 - 500 V
Ramp:	1s, 2s, 5s
Treatment Time:	1-60 minutes

RUSSIAN

Carrier Frequency:	2.5 KHz
Frequency:	20 - 100 Hz
Duty Cycle:	10% - 50%
Mode Selection:	CC or CV
Pulse Amplitude:	CC: 0 - 100 mA CV: 0 - 100 V
Ramp:	1s, 2s, 5s
Cycle Time:	Continuous, 10/10, 10/20, 10/30, 10/50, Custom
Treatment Time:	1 - 60 minutes

IFC-2P PREMODULATED

Waveform:	Sinewave
Mode Selection:	CC or CV
Vector Scan:	Auto: 20% - 100% Manual: 0° - 90°
Carrier Frequency:	Carrier F: 2 - 10 KHz Beat Low: 1 - (Beat H.) Beat High: (Beat L.) - 200 Hz
Pulse Amplitude:	CC: 0 - 200 mA CV: 0 - 200 V
Ramp:	2s
Treatment Time:	1-60 minutes

IF-4P TRADITIONAL

Waveform:	Sinewave
Mode Selection:	CC or CV
Vector Scan:	Auto: 20% - 100% Manual: 0° - 90°
Carrier Frequency:	Carrier F: 2 - 10 KHz Beat Low: 1 - (Beat H.) Beat High: (Beat L.) - 200 Hz
Pulse Amplitude:	CC: 0 - 200 mA CV: 0 - 200 V
Treatment Time:	1-60 minutes

ULTRASOUND SPECIFICATIONS

ULTRASOUND

Frequency:	1 and 3 MHz
Duty Cycles:	Pulsed and Continuous
Pulse Frequency:	100 Hz
Pulse Duration:	1 - 9 mSec \pm 10% (set by Duty Cycle)
Ramp (Fixed):	1s
Treatment Time:	1-60 minutes

AMPLITUDE

Duty Factor \geq 80%:	2.0 W/cm ²
Duty Factor \leq 70%:	3.0 W/cm ²
Treatment Timer:	0 - 30 min \pm 0.1 min

EFFECTIVE RADIATING AREAS

5 cm ² Crystal:	5 cm ²
1 cm ² Crystal:	1 cm ²

BEAM TYPE

Beam Type:	Collimating
Beam Non Uniformity Ratio	5:1 maximum