

Professional Devices

Quattro™ 2.5 Professional Electrotherapy Device



Item #: DQ8450

Quattro™ 2.5

*A complete range of therapy
no matter where you use it!*

The microprocessor controlled Quattro™ 2.5 is a professional four-channel electrotherapy device that provides IF 4-Pole, IF 2-Pole, Russian, EMS and TENS waveforms with two separate timers. It's portable design lets you take it to your patient or keep it at the clinic. It's easy to use and up and running within minutes. And it's advanced operating system ensures a complete range of therapy no matter where you use it! You can choose between several different amplitude modulation options. The interferential and pre-modulated modes offer frequency modulation as well as a static frequency option.

Product Features:

- Two separate timers to treat two areas/patients at once or one larger area.
- Preset protocols as well as customized user defined protocols
- Four channels of electrical stimulation output
- Large easy-to-read graphical LCD display with exact dial performance and two programmable timers
- Waveforms include TENS, EMS, 2-pole Interferential, 4-pole Interferential and Russian
- 10-presets per waveform totaling 50-presets in all (plus professional mode)
- Designed for tabletop, therapy cart or mobile use
- Includes eight sets of electrodes, eight sets of rubber electrodes with sponges, eight straps, four sets of lead wires and a user manual with preset protocol guide
- Product dimensions: 10 ½" (W) x 15" (L) x 8" (H)
- Product weight: 6.7 lbs
- 2-year warranty



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.