# QuadStar® II Digital TENS, NMES, INF Stimulator





"Live and Enjoy Life Pain Free"



# QuadStar<sup>®</sup> II

#### PACKAGE INCLUDES

- 1 QuadStar® II
- 8 2"x 2" electrodes
- 4 BMLS® lead wires
- 4 AA alklaline batteries
- 1 A/C wall adapter
- 1 Instruction manual
- 1 Carrying pouch

#### SPECIAL FEATURES

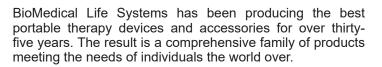
- 3 modalities
- Low battery status indicator
- 9 NMS therapies
- 9 sequential sequences
- Belt clip for portability
- Patient Compliance Meter
- HCPCS E0730, E0745, or E1399

#### **GENERAL SPECIFICATIONS**

SIZE	6.30" x 2.75" x 1.25"
WEIGHT	11.4 oz. (w/ battery)
POWER	4 AA Batteries or included wall adapter
CHANNELS	Four (4)
ELECTRODES	Eight (8)
TIMER	0 - 99 Minutes
TOLERANCE	+/- 10%

#### INTERFERENTIAL

WAVEFORM	Premodulated Sine
CARRIER	4000 Hz (CH1 / CH3)
ADJ. FREQ.	4001 - 4150 Hz. (CH2 / CH4)
BEAT FREQUENCY	<ul> <li>Interferential Pair         <ul> <li>CH1 Fixed (4000 Hz)</li> <li>CH2 Adj. (4001 - 4150 Hz)</li> </ul> </li> <li>Interferential Pair         <ul> <li>CH3 Fixed (4000 Hz)</li> <li>CH4 Adj. (4001 - 4150 Hz)</li> </ul> </li> </ul>
MODES	<u>Constant</u> - 1 - 150 Hz (adj.) <u>Sweep 1</u> - Edema modulation 1-10 Hz over 12 seconds. <u>Sweep 2</u> - Pain modulation 80-150 Hz over 16 seconds . <u>Sweep 3</u> - Edema & Pain modulation 1-150 Hz over 20 seconds.
INTENSITY	0 - 66 mA from peak to peak (adjustable)
VOLTAGE	0 - 33 Volts peak to peak (adjustable)



The QuadStar® II is a portable four channel digital TENS, NMS, and INF and device. All modalities are fully adjustable for custom setting or choose from 9 pre-programmed sequential sequences providing 20 minutes of INF deep tissue therapy followed by 20 minutes of NMS muscle stimulation and ending with 20 minutes of TENS for pain management relief.

## TENS

WAVEFORM	Asymmetrical biphasic square (ASYM)
PULSE RATE	1 - 120 Hz (hertz) adjustable
PULSE WIDTH	10 - 250 µS (microsecond) adjustable
INTENSITY	0 - 100 mA (milliamp) adjustable
OUTPUT	Constant current
MODES	<u>Constant</u> - Continuous current. <u>Burst</u> - 8 pulses, 2 bursts per second. <u>Modulation</u> - Decrease/Increase of set rate 50% over 10 seconds.
INTENSITY	0 - 120 mA (adjustable)

## NEUROMUSCULAR

WAVEFORM	Symmetrical biphasic square (SYM) Asymmetrical biphasic square (ASYM)
PULSE RATE	1 - 120 Hz (hertz) adjustable
PULSE WIDTH	50 - 400 $\mu$ S (microsecond) adjustable
MODES	<u>Constant</u> - Continuous current. <u>Cycled</u> - Channels work simultaneously. <u>Reciprocal</u> - Channels work staggered.
TIMING OPTIONS	<ul> <li>Ramp ON: 0 - 10 seconds (adj.)</li> <li>Ramp OFF: 0 - 10 seconds (adj.)</li> <li>ON Time: 0 - 99 seconds (adj.)</li> <li>OFF Time: 0 - 99 seconds (adj.)</li> <li>Delay: 0 - 99 seconds (adj.)</li> </ul>
INTENSITY	0 - 120 mA (adjustable)
VOLTAGE	0 - 60 Volts (adjustable)



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