

QuadStar® II

Digital TENS, NMES, INF Stimulator



QuadStar® II

PACKAGE INCLUDES

- 1 QuadStar® II
- 8 2"x 2" electrodes
- 4 BMLS® lead wires
- 4 AA alkaline 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

BioMedical Life Systems has been producing the best portable therapy devices and accessories for over thirty-five years. The result is a comprehensive family of products meeting the needs of individuals the world over.

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.

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 style="list-style-type: none">• Interferential Pair<ul style="list-style-type: none">- CH1 Fixed (4000 Hz)- CH2 Adj. (4001 - 4150 Hz)• Interferential Pair<ul style="list-style-type: none">- CH3 Fixed (4000 Hz)- CH4 Adj. (4001 - 4150 Hz)
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)

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 µS (microsecond) adjustable
MODES	<u>Constant</u> - Continuous current. <u>Cycled</u> - Channels work simultaneously. <u>Reciprocal</u> - Channels work staggered.
TIMING OPTIONS	<ul style="list-style-type: none">• Ramp ON: 0 - 10 seconds (adj.)• Ramp OFF: 0 - 10 seconds (adj.)• ON Time: 0 - 99 seconds (adj.)• OFF Time: 0 - 99 seconds (adj.)• Delay: 0 - 99 seconds (adj.)
INTENSITY	0 - 120 mA (adjustable)
VOLTAGE	0 - 60 Volts (adjustable)



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