

Care TENS[®]

Dual Channel Digital TENS



Low Back Pain

Neck Pain

Shoulder Pain

Knee Pain

Ankle Pain

Foot Pain

Arthritis

Tendonitis

Fibromyalgia

Care TENS[®] is a dual channel digital TENS device. It features nine preset programs and three adjustable programs that provide a variety of continuous, burst and modulated options for effective patient treatment.

Be Active. Stay Active.

Care TENS® Dual Channel Digital TENS



SPECIFICATIONS:

Dual channel: Individually isolated circuits.

Amplitude: 0-90 mA; indication only; actual mA will tend to be less than indicated due to electrode impedance.

Type: Constant current.

Waveform: Asymmetrical, rectangular bi-phasic with zero DC current.

Selectable pulse width: 30 μ S - 240 μ S [+/- 2% accuracy].

Pulse rate selection: In the continuous mode 2-150 Hz [+/- 2% accuracy].

Mode: Continuous, burst or modulated.

Maximum charge per pulse: 22 microcoulombs.

Maximum average current: 3.3 mA.

Duty cycle: Ranges from 0.006% At 30 μ S, 2Hz to 3.6% At 240 μ S 150 Hz.

Time duration of the treatment selectable: 15, 30 or 60 minutes or continuous.

Low battery indicator: If the battery goes below 6.9 Volts +/- 0.2 Volts the battery symbol will flash on/off once every second. If the battery voltage is below 6.6 (+/- 0.2) Volts the unit will not turn on.

Open electrode detect: If an open circuit is detected at the output of channel 1 or 2 the output current will be reset at zero.

Physical dimensions: 5.0" X 2.7" X 1.1".

Weight: 8 oz (including battery).

Environmental conditions for storage & transport: +14 to +95 degrees, 0-90% humidity.

Tolerances: All electrical specifications are +/- 10% into 500 ohm resistive load.

SUPPORTING RESEARCH AND REFERENCES:

Clin J Pain. 1994 Mar;10(1):22-7. "Clinical evaluation of pain treatment with electrostimulation: a study on TENS in patients with different pain syndromes." PMID: 7514914

Arch Phys Med Rehabil. 1984 May;65(5):228-31. "Transcutaneous electrical nerve stimulation: its role in the control of chronic pain." PMID: 6231902

Schmerz. 2001 Jun;15(3):158-63. "Postoperative transcutaneous electrical nerve stimulation (TENS) in shoulder surgery (randomized, double blind, placebo controlled pilot trial)" PMID: 11810350

Am J Emerg Med. 1987 Jan;5(1):6-10. "Transcutaneous electrical nerve stimulation versus oral analgesic: a randomized double-blind controlled study in acute traumatic pain." PMID: 3545246

Federal Law (USA) restricts this device to sale by or on the order of a physician so licensed by the state.



P.O. Box 580
McLean, VA 22101
703.448.9644
703.356.2182 (Fax)
www.carerehab.com