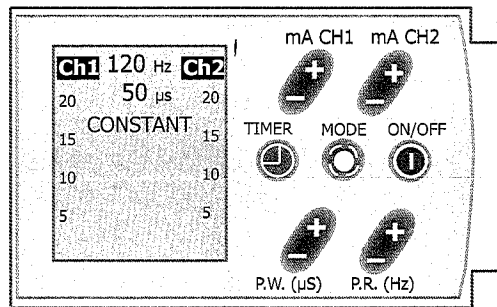
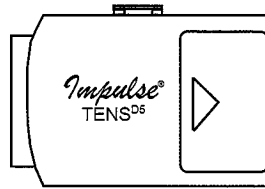


Impulse® TENS D5



SPECIFICATIONS

Size	4.2" x 2.9" x 1.4" (10.7cm x 7.4cm x 4cm)
Weight	3.35 oz (94.97 grams)
Power Source	2 AA Batteries, Type LR6
Channels	Dual
Waveform	Symmetrical, biphasic square wave
Pulse Rate (Hz)	1 - 120 Hz (Hertz or pps) adj.
Pulse Width (µS)	25 - 250 microseconds (µs) adjustable
Output	Constant current
Constant	Continuous stimulation. Pulse Rate/Pulse Width are adjustable
Pulse Rate Modulation	Pulse Rate modulates from 100Hz down to 20Hz over a 15 second cycle (7.5 seconds down 7.5 seconds up). Pulse width is adjustable.
Pulse Width Modulation	Pulse width modulates from 125-250µs and back down over a 5 second cycle (2.5 seconds down, 2.5 seconds up). Pulse Rate is adjustable.
Burst I	One second ON. One second OFF. Pulse Rate and Pulse Width are adjustable.
Burst II	Seven Pulses per burst, 2 bursts per second. Pulse Width is adjustable.
Output	Constant current
Intensity	Continuously adjustable from 0- 100 mA peak to peak
Output Voltage	Continuously adjustable from 0-50 V peak to peak
Tolerances	+/- 1%

Data recorded across a 500 OHM load resistance

SAFETY

Caution

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

Indications

Transcutaneous Electrical Nerve Stimulation (TENS) devices are used for the symptomatic relief and management of chronic (long-term) intractable pain and as an adjunctive treatment in the management of post-surgical and post-traumatic acute pain problems.

Contraindications

TENS devices can adversely affect the operation of demand-type cardiac pacemakers. TENS is not recommended for patients with known heart disease without a physician's evaluation of risk. Do not stimulate over the eyes or carotid sinus nerves. Do not apply TENS for undiagnosed pain syndromes until etiology is established. Do not place electrodes in a manner that causes current to flow transcranially (through the head).

Warnings

This device should be used only under the continued supervision of a physician, or outside the USA, by a qualified pain management specialist. TENS is ineffective for pain of central origin, (i.e. appendicitis, hepatitis). TENS is of no curative value; it is a symptomatic treatment which suppresses pain sensation which would otherwise serve as a protective mechanism on the outcome of the clinical process. Safety of TENS devices for use during pregnancy or delivery has not been established.

Electronic equipment such as ECG monitors and ECG alarms may not operate properly when TENS is in use. The user must keep the device out of the reach of children. TENS is for external use only.

Precautions

Avoid adjusting controls while operating machinery or vehicles. Turn the stimulator off before applying or removing electrodes. Isolated cases of skin irritation may occur at the site of electrode placement following long-term application. Use only for the specific pain problem as prescribed by the physician, or outside the USA, by a qualified pain management specialist. Effectiveness is dependent upon patient selection by a qualified pain specialist.

Adverse Reactions

Possible allergic reaction to tape or gel. Possible skin irritation or electrode burn.

EQUIPMENT NOT SUITABLE for use in the presence of a FLAMMABLE ANESTHETIC MIXTURE WITH AIR or WITH OXYGEN OR NITROUS OXIDE.

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