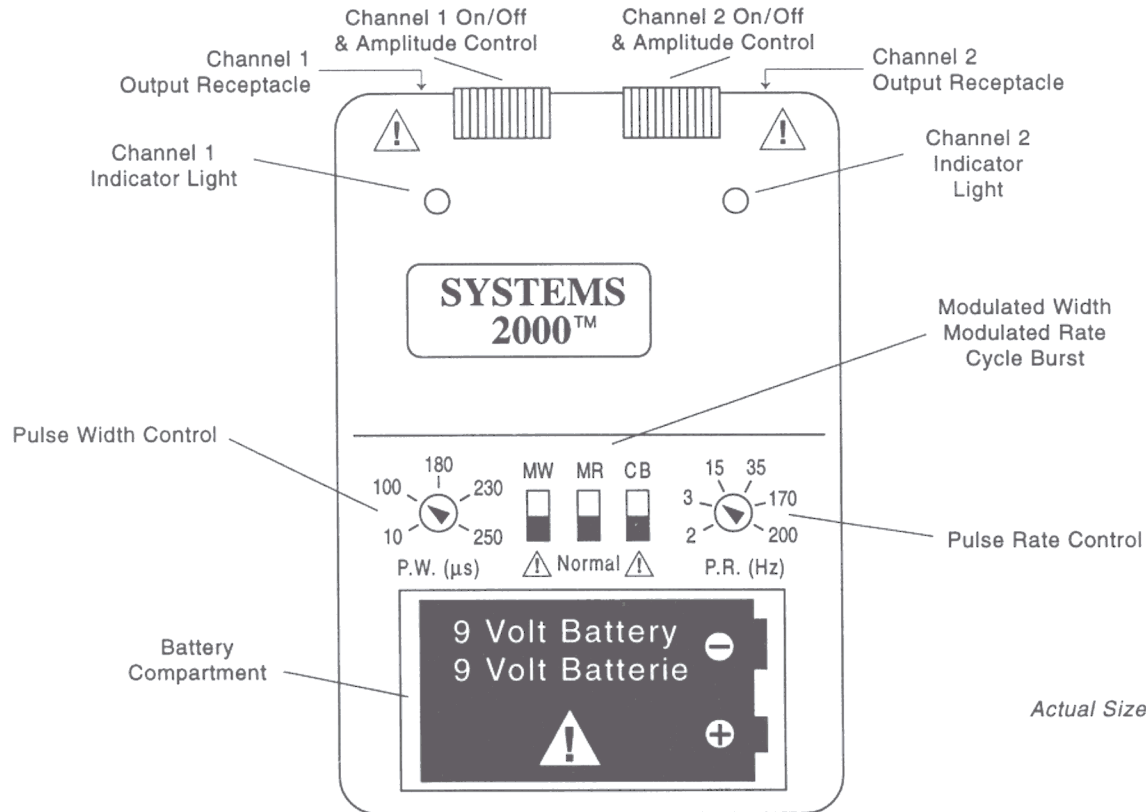


# SYSTEMS 2000™



## SPECIFICATIONS

<b>Size</b>	3.9" x 2.75" x 1" (9.90 cm x 6.98 cm x 2.54 cm)
<b>Weight</b>	4.6 oz (132 grams)
<b>Channels</b>	Dual
<b>Power Source</b>	9V battery
<b>Waveform</b>	Asymmetrical rectangular biphasic pulse
<b>Output Current Intensity (adj.)</b>	Constant
<b>Output Voltage</b>	0 - 100 mA peak 0 - 50V peak to peak
<b>MODES:</b>	
<b>Conventional</b>	Pulse rate (adj.) 2 to 200 Hz Pulse width (adj.) 10 to 250 μs
<b>Pulse Rate Modulation</b>	50% decrease of set value
<b>Pulse Width Modulation</b>	50% decrease of set value
<b>Pulse Rate and Pulse Width Modulation</b>	As rate decreases, width increases As rate increases, width decreases over a five-second interval
<b>Cycle Burst</b>	Adjustable bursts cycled at 2.5 second intervals. Rate dial sets number of pulses within each burst
<b>Number of Electrodes</b>	2 pair
<b>Number of Lead Wires</b>	2 pair
<b>Tolerances</b>	±10%
Output parameters are across a 500 ohm 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 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 1. undiagnosed pain syndromes until etiology is established, 2. electrode placement that causes current to flow transcranially (through the head).

### Warnings

This device should be used only under the continued supervision of a physician. 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. **For external use only.** Electronic equipment such as EKG monitors and EKG alarms may not operate properly when TENS is in use. The user must keep the device out of the reach of children.

### Precautions

Avoid adjusting controls while operating machinery or vehicles. Turn the stimulator off before applying or removing electrodes. Long-term stimulation at the same electrode site may cause skin irritation. Use only for the specific pain problem prescribed by the physician. Effectiveness is dependent upon patient selection.

### Adverse Reactions

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

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