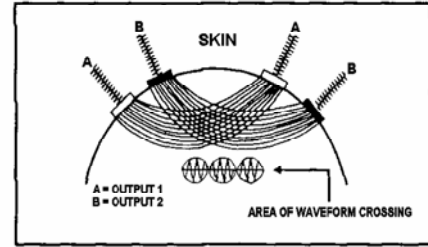


ULTRA-IF

DIGITAL INTERFERENTIAL STIMULATOR



Interferential therapy utilizes two medium frequencies that are inter-sected together to produce a stronger treating frequency. This treating frequency, referred to as the interference or beat frequency, is higher and stronger and capable of penetrating deeper into the muscular tissue creating physiological effects at the cellular level. It is more effective than the frequencies normally produced by conventional TENS or EMS devices. Interferential stimulation is indicated for:



- symptomatic relief and management of chronic intractable pain and/or
- as an adjunctive treatment in the management of post-surgical and post-traumatic acute pain.

ULTRA-IF
Sine Wave Technology

ULTRA-IF FEATURES & BENEFITS

- ▶ Sine wave waveform for more comfortable stimulation
 - ▶ Nine different treatment modes for versatile therapies
 - ▶ Two channels for quadrapolar (4-electrode) treatment
 - ▶ Digital processor with full easy-to-read LCD display
 - ▶ Treatment timer (15 or 30 min.) with automatic shutoff
 - ▶ Patient Parameter Lock prevent changes to settings
 - ▶ Compliance Meter to record total usage time
 - ▶ AC wall adapter for use without batteries
 - ▶ Easy-to-use push button controls
 - ▶ 1-Year warranty parts and labor
- ▶ Complete with electrodes, 9V battery, AC adapter, lead-wires, carrying case, & instruction manual

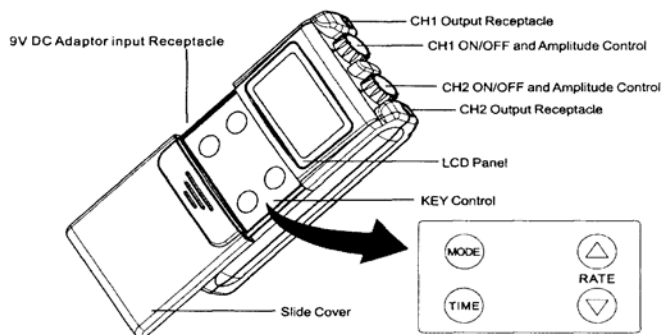
LCD DISPLAY



TECHNICAL SPECS

- Channels: Dual, isolated between channels
Waveform: Symmetrical balanced sine wave
Amplitude: Adjustable 0-60 mA peak into 500 ohm load each channel, constant current
Carrier Frequency: 4000 Hz fixed (Channel 1)
Modulating Frequency: 4004-4160 Hz. Adjustable (Channel 2)
Interference Frequency: 4-160 Hz, adjustable in 4 Hz increments
Pulse Duration: 125 μ S maximum
Max Charge: 15 micro-coulombs maximum
Modes: Constant: 4-160 Hz, adjustable
Auto Sweep: 80-145 Hz, 4-45 Hz, 4-Set Hz
Frequency Shifts: 1/1 abrupt, 6/6 abrupt, 6/6 ramped, 10/10 abrupt, 10/10 ramped
Sweep Time: 15 seconds
Frequency Shift %: Frequency shifts from 30% below set frequency to 60% above and then returns to 30% below set frequency
Output Configuration: Quadrapolar (4 electrodes)
Treatment Timer: Selectable 15 or 30minutes
Compliance Meter: Shows total usage time
Parameter Lock: Prevents changes to parameter settings
Power Source: 9V DC 500mA adapter or 9V battery
Tolerance: +/- 10%

ULTRA-IF CONTROLS & INDICATORS



TENS & R
Your Real Time Healthcare Solution

Phone: 877-372-4441 | Fax: 877-372-5551