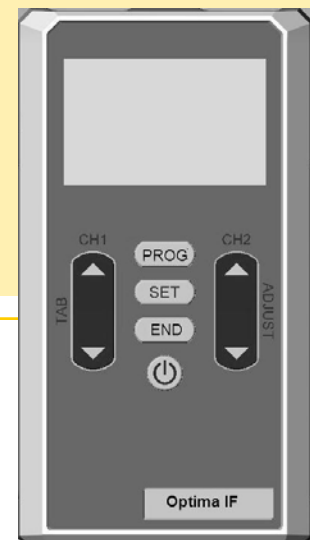


OPTIMA IF

The new Optima IF combines full-function Interferential Current stimulation with neuromuscular modes. The Optima has full range adjustment for IF and Five pre-set programs to allow the user to select programs for muscle re-education, spasm reduction and retardation of disuse atrophy. Optima automatically saves the last treatment for ease of use and increased patient compliance.

Channel: Dual, isolated between channels
 Pulse amplitude: Adjustable 0-70mA peak into 500 Ω load each channel, constant current
 Carrier Frequency: 4000Hz fixed (CH1)
 Modulating Frequency: 4004-4160Hz Adjustable (Ch2)
 IF Frequency Mode: Constant Mode: 4-160 bps, adjustable Auto Sweep: 80-145 bps, 4-45 bps, 4-Set bps.
 Frequency Shift: 1/1 abrupt, 6/6 abrupt/ramped, 10/10 abrupt/ramped
 Sweep Time: 15 seconds
 Frequency Shift %: Frequency shifts from 30% below set frequency to 60% above and return to 30% below set
 Presets:
 P1 Post Operative Pain
 P2 Post Operative Pain and Swelling
 P3 Spasm Reduction
 P4 Muscle Re-education
 P5 Pain and Spasm
 Output Configuration: Quad polar (4 electrodes)
 Wave form: Symmetrical balanced sine wave
 Interference Pulse: 4-160 pbs, adjustable 4 bps/step
 Pulse Duration: 125µs fixed
 Patient Compliance: Lock prevents the patient from changing fixed parameters
 Patient Compliance: Shows the treatment times in hours.
 LCD: Shows modes, bps rate, abrupt/ramp, timer, channels.
 Max charge per pulse: 15 micro-coulombs maximum.
 Dimensions: 12.7cm x 6.9cm x 2.5cm
 Weight: 172.9gm with 9 volt battery

Patient Compliance Meter
 Automatic Keypad Lock System
 Low Battery Indicator
 Weight: 172.9gm with 9 volt battery



AMERICAN IMEX

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