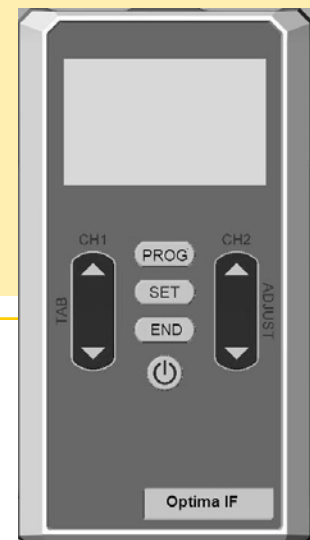


# OPTIMA IF

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  $\Omega$  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: 125 $\mu$ s 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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