

# IF-STIM+

Interferential, TENS, Nerve & Muscle Stimulator

## Features:

- ▶ Dual channel (4-lead) all digital combination Interferential, Muscle Stim, and TENS stimulator
- ▶ Choice of 13 popular programs (6 Preset & 7 Adjustable)
- ▶ Premodulated (2-electrode) and Quadra-polar (4-electrode) IF electrode option
- ▶ Microprocessor technology with push button controls and LCD display
- ▶ Treatment Pause/Resume button
- ▶ Treatment Timer emits an audible signal upon completion
- ▶ Power On/Off switch
- ▶ Low-battery indicator
- ▶ Durable metal belt clip
- ▶ AC wall adapter or 9V battery power supply
- ▶ 1-year warranty

## Technical Specifications:

- ▶ **Channel:** Dual, isolated between channels
- ▶ **Amplitude:** Adjustable; 0-80 mA peak at 500 ohm load ( $\pm 10\%$ )
- ▶ **Output Voltage:** IFT/TNS: 29V peak to peak on resistive load of 500 ohms, EMS: 32V peak to peak on resistive load of 500 ohms
- ▶ **Waveform:** IFT: symmetrical square wave, EMS & TENS: symmetrical biphasic square wave
- ▶ **Pulse Width:** IFT: 125  $\mu\text{s}$ , EMS: 400  $\mu\text{s}$
- ▶ **IFT Carrier Frequency:** 4000 Hz Fixed, channel 1
- ▶ **IFT Adjustable Frequency:** 4004-4160 Hz, channel 2 Interference Frequency Adjustable, 4-250 Hz
- ▶ **EMS & TENS Pulse Rate:** 60 Hz in preset programs, selectable 30, 60, 90, 120 Hz in adjustable programs
- ▶ **Timer:** Programs 1-6: Fixed; Programs 7.1-7.7: 20, 40, 60 Minutes, or Continuous
- ▶ **Power Supply:** 9V battery or AC adapter
- ▶ **Size:** 6.35 x 13.97 x 2.54 cm
- ▶ **Weight:** 127.6 grams
- ▶ Comes with 1 pkg of 4 reusable self-adhering electrodes, 1 set 43" pin lead wires, 9V alkaline battery & AC wall adapter, zippered carrying tote and instruction manual.

Distributed by:



Your Complete Source for Quality Electrotherapy Equipment and Supplies!

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## Program Information:

- **PRG 1 IFT:** Low Shift: 1-20 Hz (Fixed), 12 sec shift time (6/6), 4-electrodes, 20 min.
- **PRG 2 IFT:** High Sweep: 100-250 Hz (Fixed), 12 sec sweep time (6/6), 4-electrodes, 20 min.
- **PRG 3 IFT:** Wide Sweep: 1-250 Hz (Fixed), 24 sec sweep time (12/12), 4-electrodes, 20 min.
- **PRG 4 IFT:** Dual Sweep/IFT Shift:
  - i) Sweep: 60-160 Hz (Fixed), 12 sec sweep time (6/6), 4-electrodes, 20 min.
  - ii) IFT Shift: 1-20 Hz (Fixed), 12 sec sweep time (6/6), 4-elect, 20 min.
- **PRG 5 EMS:** Pulse Width: 400  $\mu\text{s}$ , Pulse Rate: 60 Hz, On Time 6 sec, Off Time 6 sec, Ramp Up/Dn 2 sec, 2-electrodes, 20 min.
- **PRG 6 IFT/EMS:** Sequential Combo:
  - i) IFT 60-120 Hz, 6 sec sweep time (3/3), Pre-modulated 2-electrodes, 20 min.
  - ii) EMS PW 400  $\mu\text{s}$ , 60 Hz, On Time 6 sec, Off Time 3 sec, Ramp 2 sec, 2-electrodes, 20 min.
  - iii) IFT Shift 1-20 Hz 6 sec shift time (3/3), 2-electrodes, 20 min.
- **PRG 7.1-7.7:** Adjustable IFT, EMS and TENS frequencies and selectable treatment timer.
- **PRG 7.1 IFT:** Constant Frequency with Vector Sweep (Frequency adjustable 4-160 Hz)
- **PRG 7.2 IFT:** 1/1 Shift, Selectable Frequency from 10-160Hz, in step of 10 Hz (frequency reduces by 50% for 1 sec., then increases to 150% for the next 1 sec.)
- **PRG 7.3 IFT:** 6/6 Shift: Selectable Frequency from 10-160Hz, in step of 10 Hz (frequency reduces to 50% for 6 sec., then increases to 150% for the next 6 sec.)
- **PRG 7.4 IFT:** 9/9 Shift: Selectable Frequency from 10-160Hz, in step of 10 Hz (frequency reduces to 50% for 9 sec., then increases to 150% for the next 9 sec.)
- **PRG 7.5 EMS:** 5/10: PW 400  $\mu\text{s}$ , Selectable Frequency from 30, 60, 90, 120 Hz (with Fixed parameters: Ramp Up/Down 2 seconds, ON time 5 sec., OFF time 10 sec.)
- **PRG 7.6 EMS:** 5/15: PW 400  $\mu\text{s}$ , Selectable Frequency from 30, 60, 90, 120 Hz (with Fixed parameters: Ramp Up/Down 2 sec. ON time 5 seconds, OFF time 15 sec.)
- **PRG 7.7 TENS:** Constant: Selectable Frequency from 4, 20, 60, 120 Hz, and Fixed Pulse Width 200  $\mu\text{s}$