

# IF-4 MultiWave



## Clinical Grade Interferential/NMES Combination Stimulator



Indicated for:

- Pain Relief and Management
- Trigger Points/Muscle Spasms
- Increasing Blood Circulation
- Increasing Range of Motion
- Muscle Disuse Atrophy
- Muscle Re-Education
- Edema Reduction

### Safety & Convenience

- Continuous safety parameter monitoring
- Auto shut-down safety parameter
- Intra-therapy amplitude lock
- Treatment flexibility - 2 or 4 electrodes
- High capacity rechargeable Lithium battery
- Operation with battery or AC adapter
- USB-C charging port
- Premium quality electrodes
- Twist and lock lead wires

### Interferential Technical Specifications (IFC)

Therapy Output Channels: Four leads, two dependent therapy channels  
Therapy Output Mode: True Interferential (IFC)  
Waveform: Symmetrical balanced sine wave  
Carrier Frequency: 4000 Hz  
Interference Frequency (IF): 4001 Hz to 4150 Hz adjustable in 1 Hz increments  
Net Therapeutic Frequency: 1 to 150 Hz

Output Voltage: 0 - 50 volts peak-to-peak  
Output Current: 0 - 100 mA peak-to-peak into 500 ohm load

Power System: 3.7Vdc rechargeable Lithium polymer battery, 3000mAh

Dimensions: 4.84" x 2.4" x 1.26"

### NMES Technical Specifications

Output Channels: Four leads, two independent channels  
Waveform: Biphasic square wave, zero net DC Output  
Frequency: 50/80 Hz  
Pulse Width: 200/300 micro seconds  
Output Current: 0 to 100mA to 500 ohm load  
On Time: 5-10 seconds  
Off Time: 5-30 seconds  
Ramp Time: 2 seconds

### PreModulated IFC Technical Specifications

Output Channels: Four leads, two independent channels  
Waveform: Symmetrical balanced sine wave  
Output Current: 0 to 100mA into 500 ohm load

#### **PREMOD (Standard PreModulated IFC)**

Carrier Frequency: 4000Hz  
Net Therapeutic Frequency: 1-150Hz

#### **HMOD (High Frequency PreModulated IFC)**

Carrier Frequency: 5000Hz  
Net Therapeutic Frequency: 2/70Hz  
Split Channel Mode: 70Hz on Channel one  
2 Hz on Channel Two

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