



IF8100TM

APPLICATIONS

- Symptomatic relief of chronic intractable post-traumatic & post-surgical pain
- Relaxation of muscle spasms
- Prevention or retardation of disuse atrophy
- Increasing local blood circulation
- Muscle re-education
- Immediate post- stimulation of calf muscles to prevent deep venous thrombosis

INTERFERENTIAL THERAPY

Unique Features

- Portable, wearable, digital display.
- Has a constant current output, making it safer and more comfortable than most other available devices.
- Automatically shuts off after 20 minutes of treatment or other preset time.
- Protection against reverse battery polarity - will work with either polarity.
- Offers a choice between Interferential stimulation and neuromuscular stimulation. The muscle stimulator option has a 6-second ON, 6-second OFF duty cycle, and for additional comfort a 1 second ramp down. The frequency shift options are functional during muscle stimulation.
- Controlled by a microprocessor that allows for advanced programming with many safety features.
- Records compliance data, such as usage time and number of times used.

Modes and Configuration

The IF8100 offers two-channel interferential operation with four electrodes and has five different modes, allowing you to program the unit for specialized rehabilitation needs.

- Low:** Stimulation is present constantly during the entire treatment time. The IF frequency is sweeping between 1 and 10 HZ over a period of 15 seconds continuously.
- Low-High:** Stimulation is present constantly during the entire treatment time. The IF frequency is sweeping between 1 and 150 HZ over a period of 15 seconds continuously,
- High:** Stimulation is present constantly during the entire treatment time. The IF frequency is sweeping between 80 and 150 HZ over a period of 15 seconds continuously.
- Muscle:** Stimulation is applied for 6 seconds, then paused for 6 seconds. Commonly known as Neuromuscular Electrical Stimulation (NMES). Up-ramp is 1 second and down-ramp is .5 seconds, fixed.
- Combo:** See the above modalities. 2 minutes in Low, 2 minutes in High, 2 minutes in Muscle, then repeated until the duration of the treatment session.

Specifications

- * Carrier Frequency: 4000 Hz nominal, fixed frequency.
- * Modulation Frequency: Continuous: 4001-4150 Hz nominal , Frequency Shift Mode: 4001-4240 Hz nominal.
- * I/F Modes: Low, Low-High, High
- * Muscle Mode: 50Hz, 6 seconds on, 6 seconds off. Up-ramp is 1 sec-nds and down-ramp is .5 seconds.
- * Treatment Timer: Continuous, 10-100 minutes, in 10 minute steps
- * Compliance meter: Records total usage time in minutes and number of times used. Can be reset.
- * Power Source: One (1) 9V battery or AC adapter

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