

Z-Stim™ IF250

Interferential / Russian Stimulator



Versatile, Dependable Interferential / Russian Stimulation

The Amrex Z-Stim™ IF250 microprocessor controlled stimulator provides three widely used modalities: Quad-Polar interferential, Bi-Polar interferential and Russian stimulation.

Interferential current is designed for therapeutic stimulation of nerves and muscles in the treatment of acute pain, edema reduction, and muscle rehabilitation.

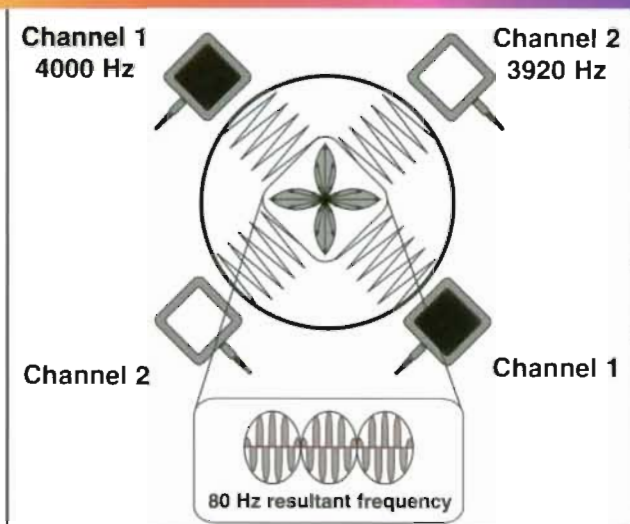
The Quad-Polar Interferential modality provides twelve selectable beat frequency settings - six constant and six sweep. The Quad-Polar modality features a dynamic output cycle which increases the interferential stimulation target field.

The Bi-Polar Interferential modality provides premodulated, four-pad, two-channel interferential treatment. The Bi-Polar modality features twelve selectable modulation frequency settings - six constant and six sweep.

The Russian (2500 Hz) modality provides four-pad, two-channel Russian stimulation featuring a continuous, exercise or rehab treatment mode.

The IF250 features a treatment stop switch designed to instill patient confidence. The treatment stop switch allows the patient to discontinue stimulator output at the press of a button.

Z-Stim™ IF250 Specifications



QUAD-POLAR MODE: Four pole interferential current is present in the overlapping area

Input Power Requirements

Line Voltage 120 Vac, 60 Hz
 Current 1.0 A
 Line Leakage < 50 µA

General

Output Voltage 62 V peak no load
 56 V peak into 500 ohm load
 Timer 1 to 99 min adjustable during treatment

Quad-Polar Modality

Output Intensity 100 mA rms
 Dynamic Mode Cycle 8 s
 Channel 1 intensity will decrease 50% and
 return to the original setting
 Then: Channel 2 intensity will decrease 50% and
 return to the original setting

Waveform:

Channel 1 and 2 symmetrical modified sine wave

Frequency:

Channel 1 4000 Hz
 Channel 2 range 3999 to 3850 Hz
 (depending on the selected beat frequency)

Frequency - Beat:

Constant 6 selectable
 1, 10, 30, 80, 130, 150 Hz

Sweep 6 selectable beat ranges
 Pain(80-150 Hz), Edema(1-10 Hz), Rehab(1-150 Hz),
 30-80 Hz, 10-100 Hz, 80-100 Hz

Caution: Federal law (USA) restricts this device to sale by or on the order of a licensed practitioner

AMREX®

electrotherapy equipment
 a division of Amrex-Zetron, Inc.

Features

- Microprocessor controlled
- Solid state circuitry
- Quad-Polar, Bi-Polar, or Russian modalities
- Dynamic mode (Quad-Polar only)
- Frequency, Time and Milliamp digital displays
- Time adjustment 1 to 99 minutes
- Push button controls
- Patient treatment stop switch
- Intensity reset circuit
- Carrying Handle
- City of Los Angeles Electrical Testing Laboratory Approved Under UL544 Guideline
- Two Year Warranty - Parts and Labor

Bi-Polar Modality

Output Intensity 50 mA rms
 Waveform:

Channel 1 and 2 symmetrical modified sine wave

Frequency - Carrier:

Channel 1 and 2 4000 Hz

Frequency - Treatment (Amplitude Modulation):

Channel 1 and 2 Constant or Sweep
 Constant 6 selectable:
 1, 10, 30, 80, 130, 150 Hz

Sweep 6 selectable ranges:
 Pain(80-150 Hz), Edema(1-10 Hz), Rehab(1-150 Hz),
 30-80 Hz, 10-100 Hz, 80-100 Hz

Russian (2500 Hz) Modality

Output Intensity 50 mA rms
 Waveform:

Channel 1 and 2 symmetrical modified sine wave

Frequency - Carrier:

Channel 1 and 2 2500 Hz

Frequency - Treatment (Amplitude Modulation):

Channel 1 and 2 50 Hz square wave

Surge Duration:

Exercise mode 10 s on and 10 s off
 Rehab mode 10 s on and 50 s off

Instrument

Overall Dimensions 11½" W x 11" D x 5½" H
 Weight 9 lbs.
 Shipping Weight 1.5 lbs.

Ordering Information

Z-Stim IF250 Interferential / Russian Simulator 32-IF250