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 premulated, 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
Then: Channel 1 intensity will decrease 50% and return to the original setting
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

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 ........................................ 15 lbs.

Ordering Information
Z-Stim IF250 Interferential / Russian Stimulator .... 32-IF250

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.

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