

# IF II

## Product Data

### About Rehabicare

Rehabicare is a leading designer, manufacturer and provider of electromedical pain management and rehabilitation products and services used for clinical, home health care, sports medicine and occupational medicine applications. Electromedical devices have broad application in rehabilitating injured or diseased muscle or other soft tissues. They are also proven to relieve acute and chronic pain.

Our product mix is one of the most comprehensive in the industry. Our devices facilitate faster recovery of muscle and soft tissue damage, reduce pain and swelling, increase blood circulation and range of motion, and help control muscle spasms. Health care professionals prescribe their use for a variety of circumstances including lower back pain, joint stiffness, muscle spasms, sports-related injuries and post-operative treatments.

Rehabicare works with patients, clinicians and third party payors to provide cost-effective rehabilitation. Patient benefits from the use of portable electrotherapy are:

- **Continuity.** Portable electrotherapy enables the patient to continue their therapy regime beyond the clinic setting.
- **Effectiveness.** Electrotherapy decreases rehabilitation time. Patients return to their normal functions quicker.
- **Responsibility.** Portable modalities reinforce patient responsibility and promote a more active role in their therapy.

### BASIC SPECIFICATIONS

- **Output Current** 0-50 milliamps, adjustable
- **Output Configuration** 4 electrode true interferential  
2 electrode pre-mixed unit, medium frequency current
- **Frequency Shift Options C (continuous)** Provides continuous stimulation at set frequency
- **1|1 (abrupt)** Frequency modulates 40% below set frequency to 60% above set frequency every 1 second
- **6|6 (abrupt)** Frequency modulates 40% below set frequency to 60% above set frequency every 6 seconds
- **6/6 (ramped)** Frequency ramps from 40% below set frequency to 60% above set frequency over 6 seconds
- **Carrier Frequency** 4000 Hz, fixed
- **Adjustable Frequency C (continuous)** 4001-4150 Hz, adjustable
- **Shift Modes** 4001-4240 Hz, adjustable
- **Interference Frequency C (continuous)** 150 Hz, adjustable
- **Shift Modes** 0.6-240 Hz, adjustable
- **Pulse Width** 125 microseconds for each phase
- **Duty Cycle** IF/NMS switch in battery compartment, in NMS mode, there is a 6 second duty cycle, no change in IF mode.
- **Waveform** Biphasic, symmetrical square with zero net DC
- **Maximum Charge per Pulse** 6.3 microcoulombs
- **Power Source** 4 rechargeable or alkaline AA batteries
- **Dimensions** 3.2" x 1.15" x 5.2"  
8.1cm x 3cm x 13.2cm
- **Weight** 12 ounces/340 grams (including batteries)
- **Tolerances** All electrical specifications are into real 500 ( $\pm 10\%$ ) ohm load except as indicated



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