



RS-2i® Interferential Stimulator



Easy to use, advanced option for relieving acute and chronic pain

The RS-2i® Interferential Stimulator is a two-channel electrotherapy device that uses advanced digital technology to treat pain.

Indications for use of the RS-2i:

- :: For symptomatic relief and management of chronic and intractable pain
- :: For adjunctive treatment of post-surgical and post-traumatic acute pain conditions

The RS-2i is a cost effective, non-invasive and non-habit forming modality for the relief of painful conditions.

Treatments conform to patients' conditions

Treatment plans for frequently-seen patient conditions are pre-programmed into the RS-2i. Which treatment plan is selected for a patient depends on his or her pain indications and body area being treated.

Two independently-controlled channels support up to four pads, enabling the RS-2i to treat a wide variety of common pain conditions. Patients can adjust the intensity of their treatments depending on the level of their pain.

The RS-2i can be used with the RS-LB Low Back or RS-FBG Full Back Conductive Garments to help patients place the stimulator's pads on difficult-to-reach treatment sites on the back.

Treatments conform to patients' conditions

The RS-2i is designed specifically for home use, so patients can take multiple daily treatments in a convenient setting. Because home treatments easily fit into the patient's daily schedule, the amount of pain relief they receive may increase.

RS Medical rents the RS-2i to patients and processes the insurance paperwork. Patients in most cases receive personalized fitting instructions in the physician office.

A patient-oriented instructional manual and videotape in both English and Spanish make the RS-2i easy to learn to use.



RS-2i Features

- :: Interferential stimulation treats pain
- :: Inclusive interferential indications
- :: Preset treatment plans
- :: Two channels operating four pads
- :: Advanced digital technology
- :: Large, push button controls
- :: LED lights display operation status
- :: Hand-held (3"W x 6"H x 1.2"D),
- :: Powered by rechargeable battery
- :: Personal stimulator designed for patient use at home
- :: RS Medical provides patient support
- :: Personal how-to-use instruction
- :: On-going support via toll-free Customer Service number
- :: At-home instruction with Operation Manual, demonstration videotape
- :: Interferential current
- :: RS Medical rents RS-2i to patient
- :: RS Medical processes patient insurance paperwork

Benefits

- :: Offers treatment at a lower cost than alternative therapies
- :: Non-invasive and non-narcotic alternative to drugs
- :: Ideal for painful muscle conditions
- :: Relieves acute pain
- :: Relieves and manages chronic pain
- :: Enables RS Medical representative or clinician to set up individualized patient treatment plans
- :: Flexible settings for a wide range of protocols
- :: Produces very comfortable waveform
- :: Accommodates wide range of protocols
- :: Digital design provides reliable operation
- :: Easy to use
- :: User can quickly and easily verify treatment status
- :: Convenient portability; designed for home use
- :: Low operating cost; no batteries to buy; red light reminder to recharge battery
- :: Patient fits treatments into daily schedule
- :: May increase the amount of therapy the patient receives
- :: Can be used in conjunction with physical therapy
- :: Device may be worn during treatments using belt clip
- :: No physician staff time required for patient support
- :: Instruction provided in physician office where practical
- :: Easy for patients to learn to use
- :: Patients get additional assistance with free phone support
- :: Full patient support may increase patient confidence and use
- :: Carrier frequency: 5000 Hz (+/-5%). Variable frequency: 5001-5150 Hz. Resultant beat frequency: 1-150 beats/second
- :: User selectable modes (beats/second): Modulated or Pre-modulated High (80-150), Wide (1-150), Low (1-10) or None (0)
- :: Patient and physician office do not process paperwork
- :: Lower cost relative to alternative sources of pain relief

WARNING: FEDERAL LAW RESTRICTS THE SALE OF THIS DEVICE ON THE ORDER OF A LICENSED DOCTOR OR PHYSICIAN, UNDER THE LAWS OF THE STATE WHERE LICENSED TO PRACTICE. CONTRAINDICATIONS: Do not use the device if you use a cardiac demand pacemaker. Do not use the device if you have any form of cancer. Do not apply current over the carotid sinus (neck) region. Do not apply electrodes such that current flows transcranially (through the head). Do not use this device whenever pain syndromes are undiagnosed, until etiology is established. **WARNINGS:** Adequate precautions should be taken in the case of patients or persons with suspected heart problems or persons diagnosed or suspected as epileptics. Do not stimulate over the carotid sinus nerves, especially in patients with a known sensitivity to the carotid sinus reflex. Severe spasm of the laryngeal and pharyngeal muscles may occur when electrodes are positioned over the neck or mouth. The contractions may be strong enough to close the airway or cause difficulty in breathing. Stimulation should not be applied transcranially. The long term effects of chronic electronic stimulation are unknown. The safety of electrical stimulation during pregnancy has not been established. Electronic stimulation should not be used over swollen, infected, or inflamed areas or skin eruptions, e.g. phlebitis, thrombophlebitis, varicose veins. Stimulation should not be applied transthoracically in that the introduction of electrical current into the heart may cause cardiac arrhythmias. Keep this device out of the reach of children. Do not use an electrical stimulator while driving, operating machinery, or doing any activity in which involuntary muscle contraction may put a person at undue risk. This device is not effective for pain of central origin (including headache). The device should be used only under the continued supervision of a physician. The device has no curative value. Current is symptomatic treatment that suppresses the sensation of pain, which would otherwise serve as a protective mechanism. Electronic monitoring equipment (such as ECG monitors and ECG alarms) may not operate properly when stimulation is in use. Stimulation delivered by the device may be sufficient to cause electrocution. **PRECAUTIONS:** Precautions should be observed in the presence of the following: When there is a tendency to hemorrhage following acute trauma or fracture; following recent surgical procedures when muscle contraction may disrupt the healing process; over the menstruating uterus; where sensory nerve damage is present by a loss of normal skin sensation. Patients may experience skin irritation or hypersensitivity due to the electrical stimulation or electrical conductive medium. The irritation can usually be reduced by the use of an alternate conductive medium, or alternate electrode placement. Isolated cases of skin irritation may occur at the site of electrode placement following long-term application. Effectiveness is highly dependent upon patient selection by a person qualified in the management of pain patients. Electrode placement and stimulation settings should be based on the guidance of the prescribing practitioner. **ADVERSE EFFECTS:** Skin irritation and electrode burns are potential adverse reactions. Patents 5,836,995 and 6,393,328

GARMENT PRECAUTIONS Do not connect stimulator cables to Garment without pads in correct place. Each pad must completely cover its metal snap. Do not allow pads to touch each other during stimulation. Do not place or operate this device on the carotid artery region or head. Do not apply to broken skin; if a rash appears, discontinue use and consult your medical professional. Do not use while driving a vehicle or operating machinery. For single patient use only. Keep out of reach of children.