

QUARTET™

4 Channel Combination Interferential and Muscle Stimulator



Indicated for:

- Chronic Pain Management
- Acute Pain Management
- Muscle Spasms
- Increasing Blood Circulation
- Increasing Range of Motion
- Muscle Disuse Atrophy
- Muscle Re-Education

Professional Grade Electrotherapy Devices Made in the U.S.A.

Quality • Comfort • Value



PHOENIX
MEDICAL DEVICES

Technical Data and Specifications

| | |
|------------------------------|--|
| Therapy Output Channels: | Four Independent Therapy Channels |
| Therapy Output Modes: | True Interferential and Conventional Muscle Stimulation |
| Waveform: | Symmetrical biphasic square wave with zero net DC component |
| Carrier Frequency: | 4000 Hz |
| Interference Frequency (IF): | 4001 Hz to 4150 Hz adjustable in 1 Hz increments |
| Net Therapeutic Frequency: | 1 to 150 Hz – verifiable |
| Output Voltage: | 25 volts peak / 0-50 volts peak-to-peak, adjustable in 1/10th volt increments (.2ma each increment) |
| Output Current: | 0-50 milliamps peak / 0-100 milliamps peak to peak |
| Pulse Width: | 125 micro seconds each phase |
| Power System: | 2 AA batteries OR EAZE™ UL approved AC wall adapter |
| Wall Adapter: | EAZE™ UL approved AC wall adapter (included) |
| Battery Charger: | EAZE™ UL approved battery charger (included) |
| Compliance Timer: | Records sessions (0-999) and hours of usage (0-999) |
| Dimensions: | 3.2" X 4.8" X 1.1" (81mm X 122mm X 27mm) |
| Weight: | 6.2 oz. (176 Grams) including batteries |
| Preset Therapy Protocols: | 23 (11 Interferential Stimulation, 12 Muscle Stimulation, 6 of which are sequential stimulation protocols) |



NOTE: Electrical output specifications for all channels are ± 10% into a 500 Ohm load using the EAZE™ AC wall adaptor

Preset Therapy Protocols

| Interferential Stimulation | Muscle Stimulation | Sequential Stimulation |
|---|--|--|
| (3) Abrupt frequency shifts (2) Ramped frequency shifts (2) Full Sweep frequency shifts (3) Dual Therapy (Abrupt + Ramp) (1) Continuous Frequency | (4) Conventional muscle stimulation protocols with varying contraction and relaxation cycle times (2) Russian Stimulation (Kots) protocols with 1000 Hz and 2500 Hz carrier frequencies | (3) Standard Sequence Muscle stimulation followed by interferential stimulation (3) Standard Sequence Reverse Interferential stimulation followed by muscle stimulation |

Special Safety and Convenience Features

- Advanced microprocessors monitor device safety parameters and will shut unit down to preserve patient safety
- Hardware and Software systems are constantly polling output levels to detect unsafe energy levels
- Maximum therapy amplitude lock and intra-therapy amplitude lock protects patient from unwanted amplitude levels
- Pause & resume allows immediate cessation of therapy - therapy intensity upon resumption is patient controlled
- Therapy lockout (set by healthcare provider or dealer) prevents patient from accessing non-beneficial therapies
- Selectable operating language in English, Spanish and French - leads to greater patient understanding and compliance
- Up-to-date, sophisticated electronic circuitry utilizing high quality components assures maximum patient comfort
- Quartet is powered by either readily available and easily replaced AA batteries or the included AC adapter
- Quartet is supplied with (8) high energy Nickel Metal Hydride rechargeable batteries and a UL approved charger

Manufactured in the USA by :

Phoenix Medical Devices, LLC
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