Precise, Managed Muscle Stimulation

The SynchroPulse HV752 is ideal for muscle rehabilitation, prevention of muscle atrophy, pain management and edema reduction.

SynchroPulse HV752

The sophisticated circuitry of the SynchroPulse HV752 provides dual channel stimulator output with dual indicator meters and dual intensity controls. The practitioner can precisely manage treatment with a selectable frequency range, selectable independent on/off surge duration and selectable pulse width. The SynchroPulse HV752 stimulator produces pulsation, tetanize, surge and reciprocal output. The additional benefit of bipolar application eliminates the need for a single large dispersive electrode. Designed to promote patient assurance, the patient controlled treatment stop switch allows the patient to discontinue stimulator output at the press of a button.

Combination Therapy

The electrical muscle stimulation of the SynchroPulse HV752 may be applied separately or may be combined with ultrasound simultaneously through the ultrasound transducer using an external Amrex SynchroSonic® U/60.
SynchroPulse™ HV752 Specifications

**SynchroPulse HV752 Features**
- Dual channel, 4 pad stimulator
- Dual intensity controls
- Bipolar application (no dispersive pad)
- Selectable frequency rate and pulse width
- Selectable independent on/off surge duration
- Surge and reciprocal modes ramped
- Intensity reset circuit
- 30 minute timer
- Patient treatment stop switch
- Combination therapy capability
- Two Year Warranty - Parts and Labor

**SynchroPulse HV752 Specifications**

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**Electrical Stimulator**
- Waveform: dc "needle" pulses with no parasitic spike
- Output Voltage: 0 to 500 peak V
- Output Intensity: 20 μC maximum charge per pulse into 100 Ω load
- Pulse Width: narrow 10 μs, medium 20 μs, wide 30 μs
- Frequency Range: 1-160 pulses per s
- Surge On Duration, Reciprocal On/Off Duration: 1, 2.5, 5, 7.5, 10, 15, 20, 30 s
- Surge Off Duration: 2.5, 5, 10, 15, 20, 30, 50, 90 s

**Instrument HV752**
- Overall Dimensions: 5 1/4" W x 10 3/4" D x 5" H
- Weight: 8 lbs.
- Shipping Weight: 15 lbs.

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**SynchroSonic® U/50 Features**
- Lightweight standard transducer
- Optional QuickConnect™ transducer
- Optional small transducer with QuickConnect cable
- Cable fault alarm system
- Transducer protection switch
- Adjustable interrupted output mode
- 0 to 20 watt output
- 30 minute timer
- Two Year Warranty - Generator - Parts and Labor
- One Year Warranty - Transducer - Parts and Labor
- UL Listed
- CSA Approved

**SynchroSonic U/50 Specifications**

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**Ultrasonic Generator**
- (Complies with FDA Regulation 21 CFR 1050.10 and FCC Regulations)
- Frequency: 1.0 MHz ± 5%
- Waveform: Amplitude modulated at 120 Hz ± 1%
- Pulse Duration: 8 ms ± 1%
- Output Mode: adjustable interrupted & non-interrupted
- Output Power: 0 to 20 W total ± 20%, 0 to 5 W/cm² ± 20%
- Temporal Peak/Temporal Average Intensity: 2.8:1 ± 20%

**Applicator (Transducer)**
- Crystal Material: barium-titanate
- Applicator Beam Type: collimating
- Frequency: 1.0 MHz ± 5%
- ERA (Effective Radiating Area): 4 cm² ± 20%
- BNR (Beam Nonuniformity Ratio): 5.5:1 maximum
- Small Faceplate Size: 1.5" diameter
- Standard Faceplate Size: 2.25" diameter

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