

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
- Patient treatment stop switch
- Combination therapy capability
- Two Year Warranty - Parts and Labor
- Polarity control
- 30 minute timer

SynchroPulse HV752 Specifications

Input Power Requirements

Line Voltage	120 Vac, 60 Hz
	(Special voltage available on request)
Current	0.25 A
Line Leakage	< 50 μ A

Electrical Stimulator

Waveform	dc "needle" pulses with no parasitic spike
Output Voltage	0 to 500 peak V
Output Intensity	20 μ C maximum charge per pulse into 100 Ω load
Pulse Width	narrow 10 μ s, medium 20 μ s, wide 30 μ s
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	8 1/2" W x 10 3/4" D x 5" H
Weight	8 lbs.
Shipping Weight	15 lbs.

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
- Two Year Warranty - Generator - Parts and Labor
- One Year Warranty - Transducer - Parts and Labor
- UL Listed
- CSA Approved
- 30 minute timer

SynchroSonic U/50 Specifications

Input Power Requirements

Line Voltage	120 Vac, 60 Hz
Current	1.0 A
Line Leakage	< 50 μ A

Ultrasonic Generator

(Complies with FDA Regulation 21 CFR 1050.10 and FCC Regulations)	
Frequency	1.0 MHz \pm 5%
Waveform	amplitude modulated at 120 Hz \pm 1%
Pulse Duration	8 ms \pm 1%
Output Mode	adjustable interrupted & non-interrupted
Output Power	0 to 20 W total \pm 20%, 0 to 5 W/cm ² \pm 20%
Temporal Peak/Temporal Average Intensity	2.8:1 \pm 20%

Applicator (Transducer)

Crystal Material	barium-titanate
Applicator Beam Type	collimating
Frequency	1.0 MHz \pm 5%
ERA (Effective Radiating Area)	4 cm ² \pm 20%
BNR (Beam Nonuniformity Ratio)	5.5:1 maximum
Small Faceplate Size	1.5" diameter
Standard Faceplate Size	2.25" diameter

AMREX[®]
electrotherapy equipment
a division of Amrex-Zetron, Inc.

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

641 East Walnut Street, Carson, California 90746 • (800) 221-9069 or (310) 527-6868 • FAX (310) 366-7343
 Web Site <http://www.amrex-zetron.com> E-Mail amrex@amrex-zetron.com