

Model 7600 Cardiac Trigger Monitor

- Used in applications requiring precision ECG R-wave synchronization
- Easy to use; menu driven, touch screen interface



Specifications:

ECG:

Lead Selection

Trigger Lead: LI, LII, LIII and Auto

Second Lead: LI, LII and LIII

Patient Cable

4 lead patient cable with 6 Pin AAMI standard connector.

Isolated from ground related circuits by > 4 kV rms,

5.5 kV peak

Electrode Impedance Measurement

Technique: 10Hz ac signal < 10 uA rms

Range: 200 kΩ per lead

Accuracy: ±3% ±1kΩ

Recommended Electrode: 10% Chloride sponge type
(590436)

Cardiotach

Range: 10-350 BPM (Pediatric/Neonate)
10-300 BPM (Adult)

Accuracy: ±1% ±1 BPM

Resolution: 1 BPM

Sensitivity: 300 μV peak

Tall T Wave Rejection: Rejects T waves = 1.2 * R-wave

Pacer Pulse Rejection

Width: 0.1-2 ms at ±2 to ±700 mV

Alarms

High Rate: 15 to 250 BPM in 5 BPM increments

Low Rate: 10 to 245 BPM in 5 BPM increments

Asystole: R to R interval >6 seconds

Model 7600

Cardiac Trigger Monitor

7600-C Optional Chart Recorder

590478 Patient Cable- use with 4 leads, 10' long

590433 Patient Leads- 4 lead set-grabber style, 24" long

Accessories for Model 3100/3150

590476 Patient Cable- use with 3 leads, 10' long

590483 Patient Leads- 3 lead set-grabber style, 24" long

Accessories for Model 3000

590476 Patient Cable- use with 3 leads, 10' long

590407 Patient Leads- 3 lead set-grabber style, 24" long

Most Commonly used with Siemens integrated module SPECT systems

590481 Patient Cable- AHA trunk cable use with 3 leads, 40" long

590413 Patient Leads- AHA ECG 3 lead set, 40" long

Dimensions

Height 7.49"

Width 7.94"

Depth 5.18"

Weight 3.9 lb

Power Requirements

Voltage Input: 100-120V ~; 200-230V~

Line Frequency: 50/60 Hz

Fuses Type and Rating: T.5A, 250V

Maximum ac Power

Consumption: 45VA

Power Recovery: Automatic, if power is restored within 30 sec.

Optional Recorder:

Writing Method: Direct Thermal

Synchronized Output (Trigger)

Test input signal at ECG Leads

Conditions: ½ sine wave, 60ms width,

1mV amplitude, 1 pulse/second

Output Trigger Delay: < 10 ms

R to R Trigger Accuracy: ±75 μs typical
@ 1 mV input

Pulse Width: 100 ms

Pulse Amplitude: 0 to +5V

Output Impedance: <100 Ω