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 kO per lead
Accuracy : ±3% ±1kO
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

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 Impedence:	<100 O

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

590406	**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**