



3915 152ND ST NE | MARYSVILLE, WA 98271 | 1.800.827.3747

Product Overview

Key Features of the Solar 8000 Monitor are:

Solar 8000 with Tram Rac, C.S. and Recorder

The Monitor includes the following parameters:

- ECG
- NIBP
- SpO₂
- Temperature
- 2 IBP
- Flat Screen is Optional



GE SOLAR 8000 MODULAR PATIENT MONITOR

Specifications:

Controls

Trim knob and five active hard keys:
Display ON/OFF,
NIBP Go/Stop
Zero All
Silence Alarm
Graph Go/Stop

Optional remote control with twelve active hard keys:
See Remote Control for all applications and specifications.

Processing

Main processor:
Motorola® MC68EN360, 32 bits, 25 MHz

Graphics Processor:
Texas Instruments® TMS34010, 16 bits, 46.8 MHz

Tram-net® communication processor:
Intel® 82596, 32 bit, 25 MHz

LAN communication processor:
Motorola MC68EN360, 32 bits, 25 MHz

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Motorola MC68EN360, 32 bits, 25 MHz

Software Packages

Refer to Patient Monitoring Product Catalog, "Complete Features Matrix, Software Packages" for capabilities/features of each software package.

Alarms Classification:

Patient Status Alarms have 4 levels:
Crisis, Warning, Advisory and Message.

System Alarms have 2 levels:

Warning and Advisory

Notification: Audible and Visual, dependant on level

Display of Alarm Information:

All limits are viewable and graph able. Continuous display of limits: All parameters, one set of limits.

Power Requirements

110 ±20 VAC, 50/60 Hz Single Phase
230 ±40 VAC, 50/60 Hz Single Phase



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Specifications (continued):

Power Requirements (continued)

Power Consumption:..... 100 W (max)
 Low Voltage Shutdown:..... <90 VAC/<190 VAC
 Cooling:..... Natural Convection
 Heat Dissipation:..... 100 Btu/hr (30 watts)

Operating Conditions

Ambient temperature:..... 100°C to 400°C (500°F to 1000°F)
 Relative Humidity:..... 15% to 95% (no condensing)

Storage Conditions

Temperature:..... -400°C to 700°C (-400°F to 1580°F)
 Relative Humidity:..... 15% to 95% (no condensing)

Physical Specifications

Height:..... 8.1 cm (3.2 in)
 Width:..... 33.6 cm (13.3 in)
 Depth:..... 34.9 cm (13.8 in)
 Weight:..... 5.4 kg (12 lbs)

Display Characteristics

Display: The display is ordered separately from the Solar 8000 Processing Unit

Display Size:..... 15" Typical Display Type: Color or Monochrome

Display Resolution:..... 1024 x 514 (compatible with 1024 x 768 format)

Sweep Speed:..... Meets ANSI/AAMI specifications. Sweep speed varies with display size (25 mm/sec with 12" display)

Frequency response:..... Limited by input response of data acquisition device

Display Information

Number of Traces:..... 1 to 8

Number of seconds/trace:..... 6.5 sec

Wave Display Options:..... Full, Individual or CRG+

Information Window:..... Displays all non-real time information while maintaining the display of real-time patient information

Display Organization:..... User selectable