

Patient Monitor Description

The purpose and function of the patient monitor is to monitor: ECG; heart rate; noninvasive blood pressure (systolic, diastolic, and mean arterial pressures); functional arterial oxygen saturation; respiration rate (A3 only); and temperature for adult and pediatric patients in all hospital areas and hospital-type facilities. It can be used during hospital transport and in mobile, land-based environments, such as ambulances.

The physical and operational characteristics of the monitor are described in the *User Guide*.

The measurement parameters and features for each model are indicated below.

Model	Measurement Parameters and Features						
	NIBP	SpO ₂	Temp	ECG	Resp	Integral Recorder	Color/Mono
A1 Monitor							
M3921A	Yes	Yes	No	No	No	No	Mono
M3922A	Yes	Yes	Yes	No	No	No	Mono
M3923A	Yes	Yes	No	Yes	No	No	Mono
M3924A	Yes	Yes	Yes	Yes	No	No	Mono
M3925A	Optional Standalone Recorder for A1						
A3 Monitor							
M3926A	Yes	Yes	Yes	Yes	Yes	No	Mono
M3927A	Yes	Yes	Yes	Yes	Yes	Yes	Mono
M3928A	Yes	Yes	Yes	Yes	Yes	No	Color
M3929A	Yes	Yes	Yes	Yes	Yes	Yes	Color

Introduction to External Recorder (M3925A)

The recorder is an optional, standalone printer designed for use with the A1 patient monitor. The recorder communicates with the monitor using a null-modem cable connected between each device's RS-232 connector.

The recorder contains an internal battery, which, when fully charged, will operate the recorder for 3 hours (typical, at 25°C, producing fifteen 20-second printouts per hour). The recorder can be connected to AC power using an external power supply. The recorder uses the same type of power supply as the A1 monitor, the PS-120V or PS-240V.

The recorder does not have an On/Off switch. The recorder can sense when it has an established communication link with the monitor. At that time, the green LINKED indicator on the front panel lights, indicating that the recorder is ready for operation. See the recorder's *User Guide* for more information regarding its operation.

Related Documents

To perform test and troubleshooting procedures and to understand the principles of operation and circuit analysis sections of this manual, you must know how to operate the monitor. Refer to the *User Guide* to understand the various sensors, ECG lead, blood pressure cuffs, and temperature probes that work with the monitor. Refer also to the user guide and individual directions for use that accompany these accessories.