Patient Monitor

MINDRAY EPM 10M

ABOUT

The **Mindray ePM 10M** Patient Monitor is a cutting-edge medical device that seamlessly integrates advanced monitoring functionalities, intuitive smartphone-like usability, and a modular design to enhance patient care efficiency and clinical workflow. This monitor features a modular design for advanced monitoring functions like CO_2, aiding in the identification of patient deterioration, and comes with integrated parameters including ECG, SpO2, NIBP, respiration, and temperature, ensuring comprehensive monitoring in ambulatory surgical settings.

FEATURES

Flat touchscreen user interface design

Large data storage capability for trend data, alarms, events, and 48 hours of full disclosure

Flexible mounting options for bedside and transportation

Remote view and alarm watch bed-to-bed allow up to 12 patients to be viewed

Wireless Monitoring

Mindray ePM 10M

SPECIFICATIONS

DIMENSIONS

Height: 10 in (25.2 cm)

Width: 10.6 in (26.9 cm)

Depth: 6.2 in (15.9 cm)

Weight: 10 lb (4.5 kg) (excluding battery, accessories, and modules)

POWER SUPPLY

Line voltage: 100 to 240 VAC (±10%)

Input current: 2.0 to 0.9 A

Frequency: 50/60 Hz (± 3 Hz)

BATTERY

Battery type: Rechargeable lithium-Ion battery (non-smart battery)

Battery voltage: 10.95V

Battery capacity: 4500 mAh

Maximum number of batteries configured: only one battery can be connected.

Run time: ≥ 4 hours

Charge time

- No more than 5 hours to 90% when the monitor is off
- No more than 10 hours to 90% when the monitor is on

DISPLAY

Screen Size: 10.1 In

Resolution: 1280x800 px

ENVIRONMENT

Operating Temperature Conditions: 0 °C to 40 °C

Storage Temperature Conditions: -20 °C to 60 °C

Operating Humidity Conditions: 15% to 95%

Storage Humidity Conditions: 10% to 95%

Operating Barometric Conditions: 427.5 to 805.5 mmHg (57 to 107.4 kPa)

Storage Barometric Conditions: 120 to 805.5 mmHg (16 to 107.4 kPa)

RECORDER

Method: Thermal dot array

Horizontal resolution: 16 dots/mm (25 mm/s paper speed)

Vertical resolution: 8 dots/mm

Paper width: 50 mm±1mm

Paper length: 20 m

Paper speed: 25 mm/s, 50 mm/s; Accuracy: ±5%

Number of waveform channels: A maximum of 3

MONITOR INTERFACE

AC power input: 1

Network connector: 1, standard RJ45 connectors, 100 Base-TX, IEEE 802.3

USB connector: 2, USB 2.0

Module rack: 1

Multifunctional connector: 1

Video output connector: 1, 15-pin D-sub

Equipotential grounding terminal: 1