

MD2000A1

Vital Signs Monitor

MD2000A1 is a vital-signs monitor, which can continuously monitor and spot check patients' blood-oxygen saturation (SpO₂) level and pulse rate. It is widely applied in first-aid station, ambulance, clinic, hospital, and medical organizations, etc.



TECHNICAL SPECIFICATIONS

Classification

Protection Class: Type BF defibrillation proof
 Protection against moisture: IPX1
 Safety: IEC 60601-1

Patient Range

Adult and Pediatrics

Appearance

Dimension: 296mm(11.65") * 166mm(6.54") * 96mm(3.78")
 Weight: 550g (1.1lb)excluding batteries

Display

Type: 3.5" LCD & LED screen
 Parameters: SpO₂, PR,PI, pulse bar,plethysmograph,and present saturation.

Environmental

Power: AC100-230V, 50/60Hz(±3Hz)
 Operation Temperature: 5°C - 40°C (41-104°F)
 Storage Temperature: -20°C - 55°C (-4-131°F)
 Operation Humidity: ≤80%, non-condensing
 Storage Humidity: 0 - 93%, non-condensing

Data transmission

USB
 Flash disk
 Wired LAN to choice central monitoring system

Alarm

Alarm: SpO₂, PR, Sensor out, Low voltage
 Modes: Visible & 3-level audible alarms, Error code

Range Parameter	SpO ₂	PR
Upper alarm range	71% - 100%	31 - 235bpm
Low alarm range	70% - 99%	30 - 234bpm

FEATURES

- Large screen:SpO₂,PR are shown on LED screen, pleth waveform on 3.5" LCD screen in real time
- 72-hour data storage, 99-item patient ID
- 3-level Visual & Audio alarm; battery-low indication
- Intellectual control of power consumption, internal rechargeable battery lasts 24 hours or AC power
- Anti-high-frequency electrosurgical equipment
- Suitable for adult and pediatric
- Widely used in small clinic, all departments in hospital, ambulance
- USB Data upload
- Built-in thermal recorder(optional)
- Compatible with CHOICE CMS (optional)

SpO₂

Measurement range: 70%-100%
 Accuracy: 80%-100%: ±2%
 70%-79%: ±3%
 0%-69%: unspecified
 Low perfesion performance: PI±0.1% SpO₂±3% PR±2%

Pulse Rate

Measurement range: 30-235bpm
 Resolution: 1bpm
 Accuracy: 30-100: ±2bpm
 101-235: ±2%

Printer

Type built-in thermal recorder width of printing paper 48mm

Standard Configuration:

SpO₂, PR, USB data transmission

Optional Configuration

Choice Central Monitoring System, Thermal recorder,

AUTHORIZED AGENT

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