

MD2000B

Vital Signs Monitor

MD2000B is a compact and transportable vital signs monitor, providing the effective and accurate SpO₂, noninvasive blood pressure (NIBP) and pulse rate measurement. Also, the thermal recorder, data transmission function, vehicle inverter, and product backpack are reserved for users. It is widely applied in hospitals, private hospitals, community hospitals, clinics, Elderly Hospital, Nursing & Wellness Center



TECHNICAL SPECIFICATIONS

Classification

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

Patient Range

Adult, Pediatrics and Infant

Appearance

Dimension: 296mm(11.65") * 166mm(6.54") * 96mm(3.78")
 Weight: 1.8Kg (3.97lb) including batteries

Display

Type: 3.5" LCD & LED screen
 Parameters: NIBP(SYS, DIA, MAP), SpO₂, PR, pulse bar, plethysmograph

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(Optional)

USB
 Flash disk
 Wired LAN to choice central monitoring system

Alarm

Alarm: NIBP(SYS, DIA, MAP), SpO₂, PR, Probe off, Finger out, Low voltage
 Modes: Visible & 3-level audible alarms, Error code

Storage

Patient ID: 1-99
 Data records: up to 72 hours

Battery

Type: Built-in rechargeable battery
 Operation time: more than 2 hours(continuous operation)

NIBP

Method: Oscillometric
 Operation Modes: Manual/Automatic/STAT
 Measurement Unit: mmHg/kPa selectable
 Measurement Types: Systolic, Diastolic, and Mean

Measurement Range	Infant	Adult
SYS	30-135	30-255
DIA	15-110	15-220
MAP	20-125	20-235

Over-pressure protection: Yes
 Resolution: 1mmHg

FEATURES

- NIBP button on the front panel, directly measuring the NIBP with pushing the button
- Vehicle inverter: Unlimited using time for ambulance without the AC power
- Compact design, light weight (1.8kg)
- Easy-to-use: Big screen, with bracket
- 72hour data storage, 99 ID set available, measurement record and trend review
- Bright, high resolution LCD screen to display the Pleth Waveform as well as the SpO₂ and Pulse Rate readings
- Separate bright LED displays for systolic, diastolic and mean Blood Pressure readings
- Printer facility for printing reports immediately
- Patient measuring data transfer via USB to a PC

SpO₂

Measurement range: 70%-100%
 Accuracy: 80%-100%: ±2%
 70%-79%: ±3%
 0%-69%: unspecified

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: standard 50(+0/-1)8mm

Standard Configuration:

SpO₂, PR, NIBP

Optional Configuration

USB data transmission, Choice Central Monitoring System, Thermal recorder, Car Inverter

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