VITAL SIGNS MONITOR

MD2000B
Vital Signs Monitor

MD2000B Vital Signs Monitor is a multi-purpose device offering both noninvasive blood pressure (NIBP) and proven SpO2 monitoring — all in one compact, lightweight and easy-to-use portable unit. It is widely applied in clinics, hospitals, and medical organizations etc.

MD2000B Vital Signs Monitor

*Large screen: SpO2, PR and SpO2 waveform are shown on LCD screen; NIBP is displayed on LED screen.

*Small and compact: Only1.8kg. The design of handgrip is convenient to be carried.

*Thermal recorder: The real time information can be printed immediately.

*Plug-in battery: Intellectual control of power consumption, internal rechargeable battery lasts 24 hours or AC power.

*Vehicle inverter: Support to vehicle inverter. MD2000B is easy to be used in ambulance.

*SpO2 probe: We have different kinds of sensors to suitable for the adult, infant, pediatric.

*Data analysis software: The personal software can help you know more information and manage patients' data.

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The value of MD2000B relies on its portability and powerful functionality. MD2000B has great NIBP measurement and SpO2 monitoring function: It can measure NIBP, SpO2 and PR accurately and quickly; it can provide continuously monitoring/spot check for SpO2 and NIBP spot check, review the data in real time, and display SpO2 plethysmograph. Besides, data communication, powerful data analysis software, inner recorder, vehicle inverter and kitbag make the device perform well during first aid or home visit.

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MED CHOICE

Technical Specifications

Classification
Protection Class	Type BF defibrillation proof
Safety	IEC 60601-1

Patient Range
Adult and Pediatrics or neonatal (optional)

NIBP measurement
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	1 mmHg

SpO2
Display range	0 - 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%
	0 - 29: Unspecified

Display
Type	LCD & LED

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

Appearance
Dimension	296mmX166mmX96mm
Weight	1.8kg (including battery)

Environmental
Power	AC100 - 230V, 50/60Hz (±3Hz)
Operating temperature	5°C - 40°C;
Storage temperature	-20°C - 55°C
Operation Humidity	≤ 80%, non-condensing;
Storage Humidity	0 - 93%, non-condensing

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

Data transmission(Optional)
Data cable through USB interface
Flash Disk
Wired LAN to choice central monitoring system

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

Printer(Optional)
Type	built-in thermal recorder
Width of printing paper	standard 50(+0/-1) mm

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