MD300M

Handheld Pulse Oximeter

Pulse oximeter is a very important and common device to check patient pulse blood oxygen saturation (SpO_2) level and pulse rate. As a portable, compact, simple, reliable and durable physiological monitoring device, handheld pulse oximeter MD300M can greatly enhances patient care. It is widely applied in clinic, hospital, social medical organizations, and first aid and so on.

TECHNICAL SPECIFICATIONS

Patient Range
Adult and Pediatrics

SpO_2
Measurement range	70% - 100%
Resolution	1%
Measurement Accuracy	70% - 100%: ±3 Digit
	0% - 69%: no definition

Pulse Rate
Measurement range	30 - 235bpm
Resolution	1bpm
Measurement accuracy	$\pm$2bpm or 2% (The larger)

Display
Type	2.8″ color TFT
Parameters	SpO_2, PR, pulse bar, Plethysmogram
Brightness	Adjustable 1 - 7 level

Alarm
Alarm	SpO_2, PR, Probe off, Finger out
	Battery-low indicator
Modes	audio & visual alarm, information

Dada management
Transmission method	USB Data cable
ID setup	1 - 127
Data record	72 hours

Mechanical
Dimension	125mm (L) * 60mm (W)* 30mm (H)
Weight	195g (excluding the batteries)

Power Supply
Type	3 AA alkaline batteries or adapter
Battery operation time most	work for 16 hours continuously at
AC adapter	Input Voltage: AC 100 - 240V
	Input Frequency: 47 - 63Hz
	Output Voltage: DC 5V±5%
	Output Current: 2A MAX

FEATURES

- High resolution 2.8″ TFT screen displays SpO_2, PR, waveform and pulse bar
- **Adjustable audible and visual alarms; battery-low indicator**
- **Adjustable backlight and voice**
- **Automatic power-off function**
- **127 ID setup; 72-hour data storage and review**
- **MedView software for data analysis**
- **Bluetooth, charger stand and AC/DC adapter are optional**
- **3 AA alkaline batteries**
- **Suitable for adult and pediatric**

Classification
According to the type of protection against electric shock:
Internal powered equipment and class II equipment
According to the degree of protection against ingress of water:
IPX1

Environment requirements
Operation Temperature	5 - 40
Storage Temperature	-20 - 55
Operation Humidity	≤80%, no condensation
Storage Humidity	≤93%, no condensation

Accessories
Standard accessories: Three AA alkaline batteries; One instruction manual; One adult finger probe, Model: M-50E; The key for screwing the screw; Software CD; USB Cable

Optional accessories: Binding sensor for pediatric, infant and neonatal (Pediatric 15-45 Kg, Infant 3-15 Kg), Model: M-50C; Fingertip sensor for pediatric, Model: M-50B; Soft sensor for pediatric (Pediatric 15-45 Kg, Infant 3-15 Kg), Model: M-50H; Soft sensor for adult, Model: M-50G; Charger Stand (with adapter and USB Cable)