

# MD300M

## Handheld Pulse Oximeter

Pulse oximeter is a very important and common device to check patient pulse blood oxygen saturation (SpO<sub>2</sub>) 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, Pediatrics, and Infants

#### SpO<sub>2</sub>

Measurement range 70% - 100%

Resolution 1%

Measurement Accuracy

item		Accuracy
no motion	Adults	±2 digits
	Pediatrics	±2 digits
Motion (Fluke Index2 simulator Level2)	Adults	±3 digits
	Pediatrics	±3 digits
Low Perfusion	Adults	±2 digits
	Pediatrics	±2 digits
Low Perfusion Performance	PI=0.1%	±3 digits

#### Pulse Rate

Measurement range 30 - 250bpm

Resolution 1bpm

Measurement accuracy

no motion	±2 bpm
Motion (Fluke Index2 simulator Level2)	±3 bpm
Low Perfusion	

#### Perfusion Index

Measurement range	Measurement accuracy
0.1%~1.0%	±0.2%
1.1%~20%	±20%

#### Display

Type 2.8" color TFT  
 Parameters SpO<sub>2</sub>, PR, pulse bar, Plethysmogram  
 Brightness Adjustable 1 - 7 level

#### Alarm

Alarm SpO<sub>2</sub>, PR, Probe off, Finger out  
 Battery-low indicator

Modes audio & visual alarm, information

#### Data management

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

### FEATURES

- ◇ High resolution 2.8" TFT screen displays SpO<sub>2</sub>, PR, waveform and pulse bar
- ◇ Adjustable audible and visual alarms; battery-low indicator
- ◇ Adjustable backlight and voice
- ◇ 127 ID setup; 72-hour data storage and review
- ◇ MedView software for data analysis
- ◇ 3 AA alkaline batteries
- ◇ Suitable for adult and pediatric
- ◇ Multi-language(Menu):English, French, German, Spanish, Italian, Japanese, Russian,Chinese
- ◇ Power supply base and AC/DC adapter are optional, can charging the Ni-MH battery (Designated by the company)

#### Power Supply

Type: 3 AA alkaline batteries or adapter,Adapter does not charge the batteries.

Battery operation time: Work for 10 hours continuously at most

AC adapter Input Voltage: AC 100 - 240V  
 Input Frequency: 47 - 63Hz  
 Output Voltage: DC 5V±5%  
 Output Current: 2A MAX

#### Mechanical

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

#### 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 0°C - 40°C  
 Storage Temperature -20°C - 70°C  
 Operation Humidity ≤80%, no condensation  
 Storage Humidity ≤93%, no condensation

#### Accessories

**Standard accessories:** Three AA alkaline batteries;

One adult finger probe, Model: M-50E;

Software CD;

USB Cable

**Optional accessories:** ; Fingertip sensor for pediatric, Model: M-50B; One single use probe:

M-50J033CS045 Power supply base(with adapter and USB Cable)

AUTHORIZED AGENT

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