

# MD300K2

## 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 MD300K2 can greatly enhance 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 2.4" 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
- ◇ Power supply base and AC/DC adapter are optional, Power supply base can supply electricity to a machine, not to charge the battery
- ◇ 3 AA alkaline batteries or Ni-MH batteries (rechargeable)
- ◇ Suitable for adult and pediatric
- ◇ Multi-language(Menu):English, French, German, Spanish, Italian, Japanese, Russian,Chinese

#### Power Supply

Type: 3 AA alkaline batteries /Ni-MH batteries or adapter

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:** 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)

AUTHORIZED AGENT

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