

# FINGERTIP PULSE OXIMETER



**MD300C**

**310**



# PULSE OXIMETER



- True color display
- Easy & simple operation
- Small and light weight
- Display: SpO2, PR, bargraph
- Low power consumption
- Automatically power off design
- Low voltage indicator
- Six display modes
- Suitable for use in family and hospital
- 2 AAA alkaline or rechargeable batteries
- Adjustable brightness



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## Technical Specification

### Patient Range

Adult, Pediatric and Neonatal

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

Measurement range: 70-100%

Resolution: 1%

Accuracy: 80%-100%;  $\pm 2\%$

70%-79%;  $\pm 3\%$

0%-69%; unspecified

### Pulse Rate

Measure range: 30-235 bpm

Resolution: 1bpm

Accuracy: 30-100  $\pm 2$  bpm

101-235  $\pm 2\%$

Pulse Intensity: Bargraph Indicator

### Declaration:

EMC of this product comply with IEC60601-1-2 standard.

### Display

Type: True color OLED display

Parameters: SpO<sub>2</sub>, PR, bargraph

Mode: 6 display modes

Brightness: Adjustable 10 levels

### Alarm

Alarm: Low voltage indicator

### Appearance

Dimension: 55mm(W)×32mm(H)×28mm(D)

Weight: 30g (excluding batteries)

### Battery

Type: 2 AAA alkaline or rechargeable batteries

Operation time: about 30 hours for normal operation

### Environmental

Operation Temperature: 5-40°C

Storage Temperature: -10-40°C

Ambient Temperature: 15%-80% in operation

10%-80% in storage

### Measurement Performance in low perfusion

Oxyhemoglobin and Pulse value can be shown correctly

when pulse-filling rate is 0.5%.

### Interference Resistance Capacity against Ambient Light

Deviation is smaller than  $\pm 1\%$  between value of Oxyhemoglobin measured in natural lighting indoor condition and present lighting sources and that measured in dark room.

### Product Operation Scope

The finger tip Oximeter can be used to measure human hemoglobin saturation and heart beat through finger Family, hospital (including clinical usage in internist / surgery pediatrics, intensive care and etc), Oxygen Bar, social medical Organizations, physical care in sports (It can be used before or after sports. Continuous monitoring is not recommended).

AUTHORIZATION AGENT



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# choice