

MD300C2

Fingertip Pulse Oximeter

Health Care from Choice**The Scope of Application**

Pulse oximeter is a very important and common device to check patient blood-oxygen saturation (SpO₂) level and pulse rate. As a small, compact, simple, reliable and durable physiological monitoring device, Fingertip pulse oximeter greatly enhances patient care. It is widely applied in clinic, hospital, social medical organizations, first aid and so on.

**Features:**

- Small & lightweight design (total 28g without batteries)
- Dual color OLED display
- Display SpO₂,PR,Pulse bar and Plethysmogram
- 6 display modes
- Low power consumption, automatically power off
- Battery-low indicator
- 2 AAA alkaline or rechargeable batteries
- Adjustable brightness
- Accommodates widest range of finger sizes from pediatric to adult

6 Display modes:

Technical Specifications

Applicable Population

Adult, Pediatrics and Neonatal patients

SpO₂

Measurement range 70-100%
 Resolution 1%
 Measurement accuracy 80%-100%; $\pm 2\%$
 70%-79 %; $\pm 3\%$
 0%-69%;unspecified

Pulse Rate

Measuremet range 30-235 bpm
 Resolution 1bpm
 Measurement accuracy 30- 100; ± 2 bpm
 101- 235; $\pm 2\%$

Display

Type Dual color OLED display
 Parameters SpO₂, PR pulse bar
 Plethysmogram
 Mode 6 display modes
 Brightness Adjustable 10 levels

Alarm

Alarm Battery-low indicator

Mechanical

Dimension 58mm(W)×32mm(H)×34mm(D)
 Weight 28g (without batteries)

Battery

Type 2 AAA alkaline or rechargeable batteries
 Operation time about 30 hours for normal operation

Environmental

Operation Temperature 5°C-40°C
 Storage Temperature -20°C-55°C
 Operation Humidity RH \leq 85%
 Storage Humidity RH \leq 85%

Electromagnetic Compatibility

This product complies with IEC60601-1-2 for electromagnetic compatibility Class B

Interference Resistance Capacity against Ambient Light

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



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