

# MD300C22

## Fingertip Pulse Oximeter



### The Scope of Application

Pulse oximeter is a very important and common device to check patient blood-oxygen saturation (SpO<sub>2</sub>) 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, and first aid etc.

### Technical Specifications

#### Patient Range

Adult and Pediatrics patients

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

Measurement range	70% - 99%
Resolution	1%
Measurement accuracy	80% - 99%: ±2%
	70% - 80%: ±3%
	≤69%: no definition

#### Pulse Rate

Measurement range	30 - 235 bpm
Resolution	1bpm
Measurement accuracy	30 - 99: ±2 bpm
	100 - 235: ±2%

#### Display

Type	Dual color OLED display
Parameters	SpO <sub>2</sub> , PR, Pulse bar, Plethysmogram
Mode	6 display modes
Brightness	Adjustable 10 levels

#### Alarm

Alarm	Battery-low indicator
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### Features

- ◇ Small & lightweight design
- ◇ Dual color OLED display
- ◇ Display SpO<sub>2</sub>, PR, Pulse bar and Plethysmogram
- ◇ 6 display modes
- ◇ Low power consumption, automatically power off
- ◇ Battery-low indicator
- ◇ Adjustable brightness
- ◇ Accommodates widest range of finger sizes from pediatric to adult

#### Mechanical

Dimension	58mm (L) * 32mm (W) * 34mm (H)
Weight	50g (including batteries)

#### Battery

Two AAA 1.5V, 600mAh alkaline batteries could be continuously operated as long as 30 hours.

#### Environmental

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

#### Electromagnetic Compatibility

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

#### Interference Resistance Capacity against Ambient Light

Deviation is smaller than ±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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