

MD300C21 Fingertip Pulse Oximeter



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

Technical Specifications

Patient Range

Adult and Pediatrics patients

SpO₂

Measurement range	70-100%
Resolution	1%
Measurement accuracy	80%-100%: ±2%
	70%-79 %: ±3%
	0%-69%: unspecified

Pulse Rate

Measurement range	30-235 bpm
Resolution	1bpm
Measurement accuracy	30- 100: ±2 bpm
	101- 235: ±2%

Display

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

Alarm

Alarm	Battery-low indicator
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Mechanical

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

Battery

Type 2 AAA alkaline or rechargeable batteries
Operation time about 40 hours for normal operation

Environmental

Operation Temperature	5 -40
Storage Temperature	-20 -55

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.