

CMD300C54

CHILD FINGER TIP PULSE OXIMETER



Pulse oximeters are medical devices that monitor the level of oxygen in a patient's blood and alert the health-care worker if oxygen levels drop below safe levels, allowing rapid intervention. These devices are essential in any setting in which a patient's blood oxygen levels requires to be monitored. The CMD300C54 is a compact, simple, reliable and durable monitoring device suitable in a broad range of clinical setting including General Practice, Day Surgery, Hospital and Dental Practices.

Features:

- Suitable for children from 4 weeks to 12 years of Age
- Clear, Bright OLED Display
- Carry Case and Neck Strap Included
- Small and Light Weight
- 6 Display Modes with 10 Brightness Adjustments
- 2xAAA Batteries (Included) for 30 hours normal operation
- Auto Off



*Protective
carry case
with belt clip*

Carry Bags- Colour may vary



Technical Specifications

SpO2

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

Pulse Rate

Measurement 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) \times 32mm(H) \times 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.