

CMD300C21

# 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 CMD300C21 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:

Small & lightweight design ( total 28g without batteries )

Dual color LED display

Display SpO<sub>2</sub>,PR,Pulse bar and Plethysmogram

6 display modes

Low power consumption, automatic power off

2 AAA alkaline or rechargeable batteries

Adjustable brightness



*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; $\pm 2$ 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.

