

Fingertip Pulse Oximeter



PC-60D2 For Pediatric

The Scope of Application:

PC-60D2 Fingertip Pulse Oximeter is designed specially for pediatric, can monitor Pulse Oxygen Saturation, Pulse Rate, and Perfusion Index through patient's finger. This device is applicable to hospital, home, community medical centre, alpine area and it also can be used before and after sports, and so on.

Features:

- It is light, small in size and easy to carry;
- Accurately measure SpO₂ value and Pulse Rate value;
- True color OLED display of SpO₂, PR, Pulse Bar, PI & Plethysmogram;
- Multi-direction display, various display modes (Innovative 4 direction display);
- Automatic start measuring after putting finger into rubber cushions;
- Power off automatically without signal for about 8 seconds;
- More than 30 hours continuous working time with 2 AAA alkaline batteries;
- Audible & visible alarm function;
- Low battery voltage indication.

Technical Specifications

- A. Display mode:** OLED Display
- B. Power supply requirement:**
1.5V (AAA size) alkaline battery × 2
Supply voltage: 3VDC
Operating current: ≤50mA
- C. Environment requirement**
Operating Temperature: 5°C ~40°C
Operating Humidity: 30%~80%
Atmospheric pressure: 70kPa~106kPa
- D. SpO₂ Parameter Specifications**
Measuring range: 35%~99%
Accuracy: ±2% (during 75%~99%)
±3% (during 70%~75%)
SpO₂ alarm: Lower limit: 90%
- E. Pulse Rate Parameter Specifications**
Measuring range: 30bpm~240bpm
Accuracy: ±2bpm or ±2% (which ever is greater)
Pulse Rate alarm: Upper limit: 120bpm
Lower limit: 50bpm
- F. Perfusion Index Display**
Range: 0%~20%
- G. The performance under low perfusion condition**
The accuracy of SpO₂ and PR measurement still meet the precision described above when the modulation amplitude is as low as 0.6%
- G. Resistance to interference of surrounding light:**
The difference between the SpO₂ value measured in the condition of indoor natural light and that of darkroom is less than ±1%.
- H. Resistance to 50Hz / 60Hz interference:**
SpO₂ and Pulse Rate are precise which are tested by BIO-TEK pulse oximeter simulator.
- I. Dimensions:** 66 mm (L) × 36 mm (W) × 33 mm (H)
Net Weight: 60g (including batteries)
- J. Classification**
The type of protection against electric shock:
Internally powered equipment
The degree of protection against electric shock:
Type BF applied part.
The degree of protection against harmful ingress of liquids:
Ordinary equipment without protection against ingress of water.
Electro-Magnetic Compatibility:
Group I, Class B

Innovative 4 displays



Standard package items



Note: Specifications subject to change without prior notice.