

Fingertip Pulse Oximeter



PC-60B1

The Scope of Application:

PC-60B1 Fingertip Pulse Oximeter 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.

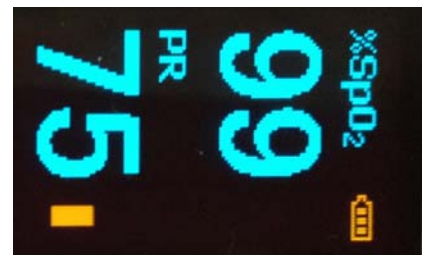
Features:

- It is lightweight, small in size and easy to take;
- Accurately measures SpO₂ value and Pulse Rate value;
- Dual-color OLED display of SpO₂, PR, PI, Plethysmogram and Pulse Bar;
- Innovative 4 directions display;
- New mold design, which is prevention against water ingress and drop resistant
- Automatic Power On/Off;
- More than 30 hours continuous working time with 2 AAA alkaline batteries;
- Audible & visible alarm function;
- battery voltage indication, low battery voltage alarm

Technical Specifications

- A. Display mode:** OLED Display(light Blue & Yellow)
- B. Power supply requirement:**
LR03 (AAA) alkaline battery × 2
Supply voltage: 3.0VDC
Operating current: ≤40mA
- C. Environment requirement**
Operating Temperature: 5°C ~40°C
Operating Humidity: 30%~80%
Atmospheric pressure: 70kPa~106kPa
- D. SpO₂ Parameter Specifications**
Transducer: Dual-wavelength LED sensor
Measuring range: 35%~99%
Accuracy: Not greater than 3% for SpO₂ range from 70%-100%
NOTE: Accuracy defined as root-mean-square value of deviation according to ISO 9919
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: High limit: 120bpm
Low 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 directions display



prevention against water ingress



Note: Specifications subject to change without prior notice.