

Fingertip Pulse Oximeter



wireless

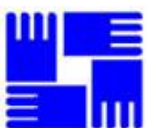
PC-60NW

The Scope of Application:

PC-60NW 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:

- Wireless data transmission can communicate with PC/mobile phone/PDA;
- External pediatric SPO₂ probe available
- Large true color OLED display of SpO₂, PR Pulse Bar, PI & Plethysmogram
- Automatic change display direction
- Automatic power on/off
- Audible & visible alarm function
- Pulse beep with pitch tone, pulse beep on/off and alarm limits can be set via setup menu.
- Shift parameter display between PR and PI
- 2AAA alkaline batteries with low power consumption
- Low battery voltage indication



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FDA 510(K)



Your health, our concern!

Technical Specifications

- A. Display mode:** Color OLED Display
- 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: 70%~100%
 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 displays



Menu screen

Wireless	on
SpO ₂ alm Lo	85
PR alm Hi	120
PR alm Lo	50
Pulse beep	on
Save, exit menu	
Restore default	

1. Real-time data transmission to PC:

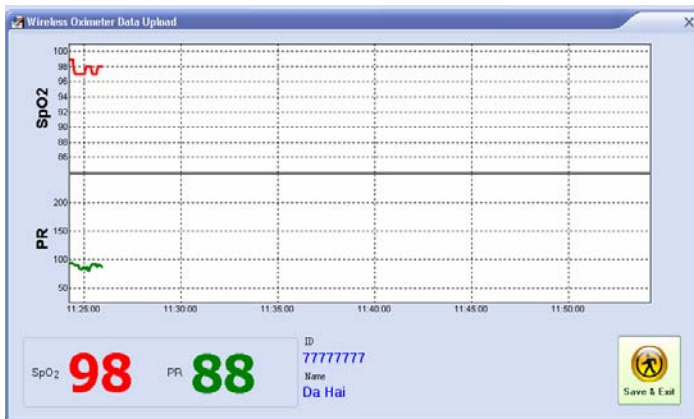


Figure 1 Real-time data transmission screen

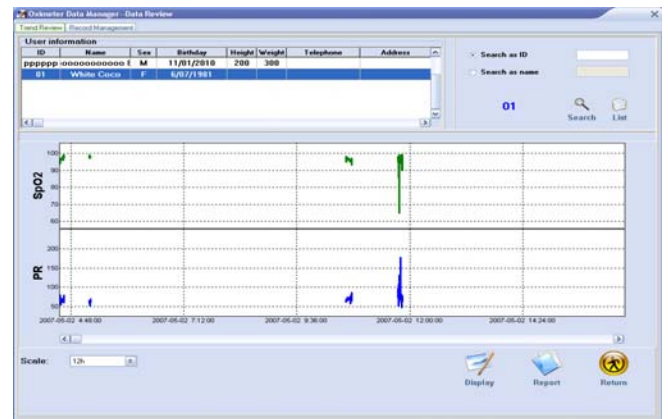


Figure 2 Trend review

2. Real-time data transmission to smart phone(Andriod system only):



Figure 3 Real-time data transmission screen

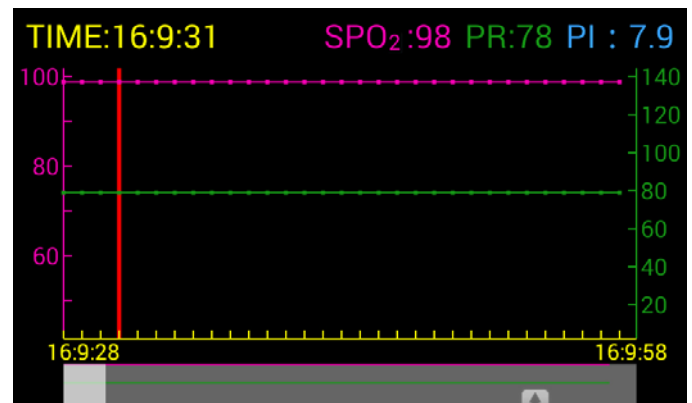


Figure 4 Trend review

Note: Specifications subject to change without prior notice.



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