



### The Scope of Application:

The PC-68 Wrist Oximeter is small, lightweight, and available for home use as well as clinics in long-term and comfortable monitoring. It can be simply worn on the patient's wrist as the watch to start the monitoring conveniently. This device is applicable to overnight monitoring with sleep or respiration monitoring devices, and can be used in sports to measure SpO<sub>2</sub> as well as pulse. The advanced technology ensures a reliable and accurate measurement.

### Features:

Small, light and easy to wear, Applicable for longtime continuous monitoring;  
Large True color OLED display of SpO<sub>2</sub>, PR, Pulse Bar, PI & Plethysmogram;  
Automatic start measuring when the finger is put into the sensor cap;  
Automatic power saving when the finger is out of the sensor or no key operation for about 20 seconds;  
Audible & Visual alarm function, alarm limits adjustable;  
Real time clock display;  
Data trend curve review;  
Real-time store and recall SpO<sub>2</sub> and Pulse Rate value;  
Up to 70 hours of oximetry data storage (Record data once every 1/4/8seconds) ;  
Data record can be uploaded to PC;(Oximeter data manager software available)  
Low battery voltage indication;  
More than 50 hours continuous working time with 2AAA alkaline batteries.

# Technical Specifications

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**A. Display mode:** Color OLED Display

**B. Power supply requirement:**

1.5V (AAA size) alkaline battery × 2

**Supply voltage:** 2.7V~3.3V

**Continues working time (display is off):** 70hours

**C. Operating current:** ≤40mA

**D. SpO<sub>2</sub> Parameter Specifications**

**Measuring range:** 35%~99%

**Accuracy:** 75%~99% ±2%

50%~75% ±3%

**E. Pulse Rate Parameter Specifications**

**Measuring range:** 25bpm~250bpm

**Accuracy:** ±2bpm or ±2% (whichever is greater)

**F. Perfusion Index Display**

**Range:** 0.2%~20%

**G. Performance under low perfusion condition**

The measurement accuracy still keeps the above specification while the perfusion index is as low as 0.5%.

**H. Interference resistance performance**

When tested by SpO<sub>2</sub> simulator with interference settings such as sunlight or 50/60Hz fluorescent lamp light, the measurement of SpO<sub>2</sub> and PR still meets the requirement specified above.

**I. Dimensions:** W 59mm×D 49mm×H 22mm

**Net Weight:** about 60g (not 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

Note: Specifications subject to change without prior notice.



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