



## MODEL SOLPC-60D PREMIUM

### PAEDIATRIC FINGER TIP PULSE OXIMETER (Child's Play)



#### PULSE OXIMETERS FOR LITTLE FINGERS



Australian Government  
 Department of Health and Ageing  
 Therapeutic Goods Administration  
 ARTG 218181



#### The Scope of Application:

SOLPC-60D Fingertip Pulse Oximeter is designed specifically for paediatric use, and can monitor Pulse Oxygen Saturation, Pulse Rate, and Perfusion Index through the 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. It is also a favourite for Child Care Centres.

#### Features:

- It is light, small in size and easy to carry;
- Accurately measure SpO2 value and Pulse Rate value;
- True colour OLED display of SpO2, PR, Pulse Bar, PI & Plethysmogram; Perfusion Index Indicator & Audible Pulse Signal
- 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**

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



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