



MODEL SOLPC-60B1 FINGER TIP PULSE OXIMETER



The Scope of Application:

SOLPC-60B1 Fingertip Pulse Oximeter 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.

Features:

- It is light, small in size and easy to carry;
- Accurately measure SpO2 value and Pulse Rate value;
- Dual colour 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 and Alarm.





Innovative 4 directions display



Technical Specifications

Display mode : OLED Display Light Blue & Yellow

Power supply requirement: 1.5V (AAA size) alkaline battery × 2,

Supply voltage: 3VDC Operating current: ≤40mA

Environment requirement: Operating Temperature: 5°C ~40°C,
Operating Humidity: 30%~80%

Atmospheric pressure: 70kPa~106kPa

SpO2 Parameter Specifications: Dual Wave Length LED Sensor

Measuring range: 35%~99%, Accuracy: ±3% (during 70%~100%),

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



Australian Government

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Therapeutic Goods Administration

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