



MODEL SOL-PC60C1

FINGER TIP PULSE OXIMETER MULTI FUNCTION



BESTPRACTICE
CERTIFICATION

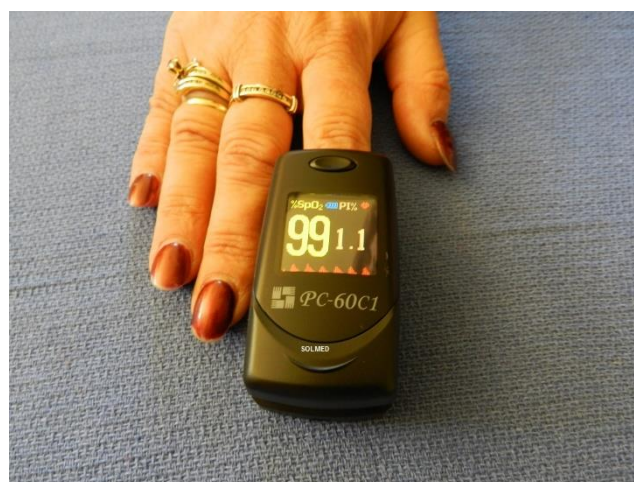


The Scope of Application:

SOL-PC60C1 Fingertip Pulse Oximeter can monitor Pulse Oxygen Saturation, Pulse Rate, 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;
- **Large Number**
Large true colour OLED display of SpO2, PR, Pulse Bar, PI & Plethysmogram;
- Multi-direction display, various display modes (Automatic change of display 4 directions by built-in orientation -sensor);
- 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 & Pulse Beep Function
- Low battery voltage indication.





Technical Specifications

Display mode : OLED Display Large Numbers

Power supply requirement: (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: Dual Wave Length LED Sensor

Maximal optical output power: less than 1.5mW

35%~99%, Accuracy: ±3% (during 75%~99%),

SpO2 alarm: 85%-95% Range Default Limit: 85%

Pulse Rate Parameter Specifications: Measuring range: 30bpm~240bpm,

Accuracy: ±2bpm or ±2% (which- ever is greater),

Pulse Rate alarm limit: Low limit setting range: 30~60bpm

Upper limit setting range: 100~240bpm

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%.

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

Innovative 4 displays



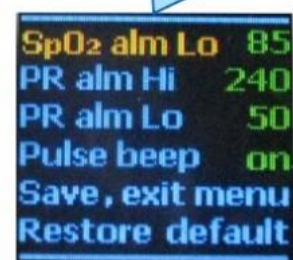
Display PI value



High & low alarm limits adjustable



Menu screen



Australian Government

Department of Health and Ageing
Therapeutic Goods Administration

ARTG 218181

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