

PC-60指式脉搏血氧仪

PC-60 Fingertip Oximeter



为生命保驾护航

产品特点

- 低电压报警显示
- 使用方便，一键操作
- 具有较高的准确性和重复性
- 在无信号时约 8 秒钟后自动关机功能
- 可监测血氧饱和度、脉搏参数，并有脉搏脉状图显示
- 重量轻，体积小，便于携带，包括电池的总重量约为 50g
- 使用两节 AAA 电池，功耗低，所配电池可持续使用 100 小时

Features

- Lower voltage alarm display;
- Easy to use with one-key operation;
- High accuracy and repetition;
- Automatic Power-off without signal for 8 seconds;
- SpO₂ and pulse monitoring, and histogram of pulse display;
- It is light with gross weight of 50g, batteries included, small in size, and easy to carry;
- Two AAA batteries are required for operation with low power consumption, and the continuous working time is 100 hours.

产品使用范围

指式脉搏血氧仪能够通过手指检测到人体的脉搏氧饱和度和脉率。此产品适用于医院、家庭、氧吧、社区医疗、高原地区以及运动保健等范围。此产品不适合作为病人的持续监护使用。

The Scope of Application

The Fingertip Oximeter can monitor pulse oxygen saturation and pulse rate through patient's finger. This device is applicable to hospital, home, oxygen bar, the community medical center, alpine area and it also can be used before or after sports, and so on. This device is not appropriate to be used for continuous monitoring.

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技术参数 Technical Specifications

- 显示格式:** 笔段式LCD显示;
血氧饱和度显示: 2位七段数码显示;
脉率显示: 3位七段数码显示;
脉搏波强度显示: 6段棒图(bar graph)显示;
电池电压低指示: 笔段式LCD符号。
- 测量范围:** 血氧饱和度显示: 50%~99%,
分辨率为±1%;
脉率显示: 30bpm~240bpm,
分辨率为±1bpm。
- 电源要求:** 2节七号(AAA) 1.5V碱性电池,
电压适应范围: 2.6V~3.3V。
- 工作电流:** 小于10mA。
- 分辨率:** 血氧饱和度为±1%, 脉率为±1bpm。
- 测量精度:** 血氧饱和度在80%~99%段为±2%,
在70%~79%段为±3%, 脉率为±2%
或±2bpm取大值。
- 弱灌注情况下的测量性能:** 在脉搏充盈度大于0.5%时能正确显示血氧和脉率值。
- 抗自然光干扰能力:** 在室内自然光及现有照明光源下的血氧测量值与暗室条件下的测量值相比, 偏差小于±1%。
- 抗人造光干扰能力:** 在脉搏血氧仿真器的测试条件下能正确测量血氧饱和度和脉率值。
- 具有功能开关:** 无手指插入时8秒后自动关机。
- 光敏元件:** 红光(波长为660nm)和红外光(波长为940nm)
- 外形尺寸:** 长66×宽36×高33(mm)
- 整机重量:** 50g

产品附件

- 挂绳1根
- 电池4节
- 布套1个
- 说明书1份

- Display mode:** LCD Display
SpO₂ display: 2-digit and 7-segment digital display
Pulse rate display: 3-digit and 7-segment digital display
Pulse wave's intensity display: 6-segment bar-graph display
Low battery voltage indication: Segment LCD Signal
- Measuring range:** SpO₂ display: 50%~99%,
resolution: ±1%;
Pulse rate display: 30bpm~240bpm,
resolution: ±1bpm;
- Power supply requirement:** 1.5V (AAA size) alkaline battery × 2
Battery voltage: 2.6V~3.3V
- Operating current:** <10mA
- Resolution:** SpO₂: ±1%, Pulse rate: ±1bpm
- Accuracy:** SpO₂ ±2% (during 80%~99%) and ±3%
(during 70%~79%)
Pulse rate ±2bpm
- Measurement at low perfusion:**
The values of SpO₂ and pulse rate can be displayed properly when pulse saturation is more than 0.5%.
- Resistance to surrounding light:**
The difference between the value measured in the condition of indoor natural light and that of darkroom is less than ±1%.
- Resistance to interference of man-made light:**
Values of SpO₂ and pulse rate can be accurately measured by pulse oxygen simulator.
- Automatic shutdown function:**
The device will power off automatically in 8 seconds when there is no finger in the device.
- Photosensitive components:** red light(wavelength: 660nm) and infrared (wavelength: 940nm)
- Dimensions:** 66(L) × 36(W) × 33mm (H)
- Gross weight:** 50g

Accessories

- A hanging rope
- Four batteries
- A pouch
- A User Manual

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