



Hand-Held Pulse oximeter

PALMCARE⁺

The most economical, high performance and easy to use pulse oximeter

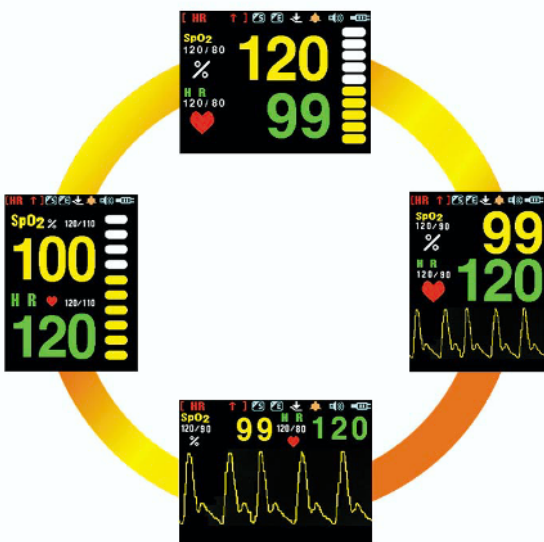
PalmCare is the inevitable conclusion among the versatile handheld pulse oximeter.

Compact, Convenient, Cost-effective

PalmCare plus is developed as a solution for both clinicians and patients. It is enough to be used in hospitals and ambulances. It provides high advanced monitoring technology with maximum user friendliness.

Simple yet powerful

PalmCare plus provides fast & reliable SpO₂, Waveform, HR, Vertical bar in a small unit. It can be used to adult through to pediatric patients and has a 2.8 inch large LCD display for easy of use. PalmCare plus is a lightweight and simple device designed to improve the security and quality of life of patients with easy operation by fast responses & an accurate measurement. It is very convenient to carry and hold.



HAND-HELD PULSE OXIMETER PALMCARE+

● SPECIFICATIONS

■ Physical characteristics

- Size : 2.8 (inches)
44.8(W) x 63.1(H) (mm)
- Color Resolution : 16 bit
- LCD Pixel Resolution : 320 x 240
- Display Items
 - Oxygen Saturation, Pulse Rate, Vertical bar, Horizontal Graph
 - Display Mode, Language Mode, Oxygen Saturation status, Alarm, Sound, Power Status
- Display Mode
 - Horizontal, Vertical
- Language
 - English, German, Italian, French, Spanish
- Sound Level
 - HIGH, LOW, OFF
- Trend Memory
 - Saturation and Pulse rate memories(72 hours maximum)
- Output Port
 - USB port(mini B type)
- Dimension
 - 70mm(W) x 165mm(H) x 30mm(D)
- Weight
 - 1CELL 200 grams (with Lithium batteries)
 - 2CELL 250 grams (with Lithium batteries)

■ Performance

- Display Range
 - SpO₂ : 0% ~ 100%
 - Pulse rate : 30 ~ 250 bpm
- Limits
 - Preset Range

	Adults	Neonates
Saturation High(SpO ₂)	100%	95%
Saturation Low(SpO ₂)	85%	80%
Pulse Rate High	140bpm	200bpm
Pulse Rate Low	55bpm	100bpm

- Alarm Range

	HIGH	LOW
Saturation	50 ~ 100 & OFF (1% steps)	50 ~ 99% OFF (1% steps)
Pulse Rate	30~300bpm & OFF	30~300bpm & OFF

- Saturation Accuracy(SpO₂(%) ± 1SD)

Saturation	±2% @ 70 ~ 100% < 70% unspecified
Pulse Rate	±2pbm or ±2% (whichever is greater) @ 30 ~ 300bpm

■ Power

- Requirements
 - Input : 100 ~ 240VAC, 50/60Hz
 - Battery Charger : 5V DC 2.0 Amps
- Battery
 - Type : Lithium Ion Internal battery, Rechargeable
 - Battery capacity : 3 hours (1CELL) , 6 hours (2CELL) approximately
 - Charging time : 1 hour and 30 minutes (1CELL), 3 hours (2CELL) from empty to full



■ Environmental

- Temperature
 - Operating : 10 ~ 40°C (50 ~ 104°F)
 - Storage / Transportation: - 10 ~ 50°C (14~ 122°F)
- Humidity
 - Operating : 30 ~ 85% non-condensing
 - Storage / Transportation : 20 ~ 95% non-condensing
- Operating Pressure : 70 ~ 106kPa

● FEATURE

- Monitor for adults, pediatrics and neonates
- Plethysmographic waveform display and up to 72 hours of trend memory.
- 2.8 inch TFT Color LCD with superior visibility
- Max. 6 hours operation by Lithium ion battery(Max.2 Cell)
- Digital signal processing
- Auto gain control signal processing
- Sound volume control (High, Low, Off)
- Default 3 Screen(Large wave, Small wave, Pleth bar) rotative configurations
- USB port (mini B type)
- Auto-power saving mode

All specifications are subject to change without notice



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