

CONTEC

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LIGHT THE RHYTHM OF LIFE WITH TECHNOLOGY



Pulse Oximeter

CMS50QA

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CMS50QA Pulse Oximeter



Pulse rate



SpO₂



Easy to operate



Portable design



Accurate and
efficient



Low power
consumption



The CMS50QA Pulse Oximeter adopts Photoelectric Oxyhemoglobin Inspection Technology in accordance with Capacity Pulse Scanning & Recording Technology, which can be used to measure human oxygen saturation and pulse rate through finger. The device is suitable for being used in family, hospital, oxygen bar, community healthcare and physical care in sports, etc. (It can be used before or after exercise, but not recommended to use during exercising).

Features

- SpO₂ value display.
- PR value and bar graph display.
- Low-battery indication: low-battery indication appears when the battery voltage is too low to work.
- Automatic standby function.
- Charging function.
- PR sound indication; sound prompt for over-limit, low battery.

Accessories

- One User Manual
- One lanyard (optional)
- One USB cable (optional)
- One power adapter (optional)

Performance

- Display mode: TN Segment LCD
- SpO₂ measurement range: 0%~100% (resolution: 1%)
Accuracy: 70%~100%: $\pm 2\%$
0%~69%: unspecified
- PR measurement range: 30bpm~250bpm (resolution: 1 bpm)
Accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater.
- Accuracy under low perfusion: low perfusion 0.4%, SpO₂ accuracy: $\pm 4\%$; PR accuracy: ± 2 bpm or $\pm 2\%$, whichever is greater.
- Light interference: compared to the values measured in normal condition and ambient light condition, the deviation: $\leq \pm 1\%$.
- Power consumption: ≤ 70 mA
- Working voltage: DC 3.6 V - 4.2 V
- Battery: A rechargeable lithium battery (3.7V)
- Battery life: Charge and discharge: no less than 500 times.
- Safety class: Internally powered equipment, type BF applied part.

Physical characteristic

- Dimension: 46(L) × 40(W) × 29(H) mm
- Weight: About 35 g (including a lithium battery)