

CONTEC

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LIGHT THE RHYTHM OF LIFE WITH TECHNOLOGY



Pulse Oximeter

CMS50D1

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Pulse Oximeter

CMS50D1



Pulse rate



SpO₂



Easy to operate



Portable design



Accurate and efficient



Low power consumption



The CMS50D1 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).

Function

- ◆ Display of SpO₂ value
- ◆ Display of pulse rate value and bar graph.
- ◆ Display of pulse waveform.
- ◆ Automatic direction-changing function
- ◆ Screen brightness can be changed
- ◆ Low-voltage indication: the low power indication symbol appears when the voltage is too low to work.
- ◆ Auto standby.

Accessories

- ◆ One User Manual
- ◆ One lanyard (optional)

Physical characteristic

- ◆ Dimension: 61(L) × 36(W) × 32(H) mm
- ◆ Weight: About 57g (with the batteries)

performance

- ◆ Display: 0.96" color display
Screen resolution: 160 * 80
- ◆ SpO₂ measurement range: 0% ~ 100%, (resolution is 1%).
Accuracy: 70% ~ 100%: ±2%
0% ~ 69%; unspecified
- ◆ PR measurement range: 30bpm ~ 250bpm (resolution is 1bpm)
Accuracy: ±2 bpm during the pulse rate range of 30 bpm ~ 99 bpm and ±2% during the pulse rate range of 100 bpm ~ 250 bpm.
- ◆ Accuracy under low perfusion: low perfusion 0.4%, SpO₂ accuracy: ±4%; PR accuracy: ±2 bpm during the pulse rate range of 30 bpm ~ 99 bpm and ±2% during the pulse rate range of 100 bpm ~ 250 bpm.
- ◆ Light interference: Under normal and ambient light conditions, the SpO₂ deviation ≤ 1%
- ◆ Power consumption: ≤ 30mA
- ◆ Working voltage: DC 2.6 V - 3.6 V
- ◆ Battery: two AAA alkaline batteries
- ◆ Working time for battery: continuously work for 20 hours at least
- ◆ Safety class: type BF applied part