

# CONTEC

Stock Code:300869



## LIGHT THE RHYTHM OF LIFE WITH TECHNOLOGY



## Pulse Oximeter

### CMS50D

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# Pulse Oximeter

## CMS50D



Pulse rate



SpO<sub>2</sub>



Easy to operate



Portable design



Accurate and efficient



Low power consumption



The Pulse Oximeter can be used in measuring the pulse oxygen saturation and pulse rate through finger. The product is suitable for being used in family, hospital, oxygen bar, community healthcare, physical care in sports (It can be used before or after doing sports, and it is not recommended to use the device during the process of having sport) and etc.

## Major Features

- ◆ Display of SpO<sub>2</sub> 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

## Physical Identity

- ◆ Dimension: 57(L) × 31(W) × 32(H) mm
- ◆ Weight: About 50g (with the batteries)

## Main performance

- ◆ Display: 0.96" color display  
Screen resolution: 160 \* 80
- ◆ SpO<sub>2</sub> 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 %:  
SpO<sub>2</sub>: ±4%;  
PR: ±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 SpO<sub>2</sub> deviation ≤ 1%.
- ◆ Power consumption: ≤ 30mA
- ◆ Working voltage: DC 2.6-3.6 V
- ◆ Battery: two AAA alkaline batteries
- ◆ Working time for battery: continuously work for 20 hours at least
- ◆ Safety class: type BF applied part