

# CONTEC

Stock Code:300869

## Pulse Oximeter

### CMS60C



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# Pulse Oximeter

## CMS60C



Pulse rate



SpO<sub>2</sub>



Portable design



Accurate and efficient



The CMS60C 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 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

- ◆ Small in volume, light in weight and convenient in carrying.
- ◆ Operation menu for function settings.
- ◆ SpO<sub>2</sub> value display.
- ◆ Pulse rate value display, bar graph display.
- ◆ Pulse waveform display.
- ◆ Screen brightness can be changed.
- ◆ Pulse rate sound indication.
- ◆ With overrun prompt function, the upper and lower limit settings can be adjusted.
- ◆ Battery capacity indication.
- ◆ Low-voltage indication: Low-voltage indication appears before working abnormal caused by low voltage.
- ◆ Data storage function, stored data can be uploaded to computer.
- ◆ Data transmission in real-time.
- ◆ External SpO<sub>2</sub> probe.

## Accessory

- |                             |                               |
|-----------------------------|-------------------------------|
| ◆ Standard:                 | ◆ Optional:                   |
| User Manual 1pc             | Power adapter                 |
| Data line 1pc               | Other SpO <sub>2</sub> probes |
| SpO <sub>2</sub> probes 1pc |                               |

## Performance

- ◆ Display mode: 1.77" color screen  
Screen resolution: 128\*160
- ◆ SpO<sub>2</sub> measuring range: 0%~100% (resolution is 1%)  
Accuracy: 70%~100%: ±2%, 0%~69%: unspecified.
- ◆ PR measuring 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: SpO<sub>2</sub> and pulse rate can be shown correctly when pulse-filling ratio is 0.4%. SpO<sub>2</sub> error is ±4%, pulse rate error is ±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: ≤ 100mA
- ◆ Working Voltage: DC 3.6V-4.2V
- ◆ Battery: 3.7V rechargeable lithium battery × 1
- ◆ Battery life: no less than 500 times of charge and discharge
- ◆ Safety type: Internally powered equipment, Type BF applied part

## Physical characteristic

- ◆ Dimension: 87(L) × 45(W) × 22(H) mm
- ◆ Weight: about 68g (with one lithium battery)