

CONTEC

Stock Code:300869

Pulse Oximeter CMS50I



Contec Medical Systems Co.,Ltd.

ADD:No.112 Qinhuang West Street, Economic & Technical Development Zone,
Qinhuangdao, Hebei Province, PEOPLE'S REPUBLIC OF CHINA
Tel: +86-335-8015430 Fax: +86-335-8015588
E-mail: cms@contecmed.com.cn Website: <http://www.contecmed.com>



CONTEC reserves the right of product appearance, specifications and function modification and updating, without prior notification. CMS2.782.176EXC/1.1 1.4.03.11.696



Pulse Oximeter

CMS50I



CMS50I Pulse Oximeter adopts Photoelectric Oxyhemoglobin Inspection Technology integrated 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 use 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 and bar graph.
- Display of PI.
- Display of pulse waveform.
- Low-voltage indication: the low power indication symbol appears when the voltage is too low to work.
- The display mode can be changed.
- Adjustable screen brightness.
- PR sound indication.
- Sound prompt function: over-limit prompt of measured value, probe-off or finger-out prompt, low power prompt.
- Data memory function.
- The data can be uploaded to the terminal equipment by wired mode.
- Clock function.
- Charging function.

Accessories

- One SpO₂ probe
- One USB data line
- One User Manual
- One power adapter (optional)

Performance

- Display: color TFT
- SpO₂ measurement range: 0 % ~ 100 % (resolution: 1 %)
- Accuracy: 70 % ~ 100 %, ± 2 %;
0 %~69 %, unspecified
- PR measurement range: 30 bpm ~ 250 bpm (resolution: 1 bpm)
- Accuracy: ± 2 bpm or ± 2 %, whichever is greater
- Accuracy under low perfusion: low perfusion 0.4%, SpO₂ accuracy: ± 4 %; PR accuracy: ± 2 bpm or ± 2 %, whichever is greater.
- The deviation between the value measured in the condition of man-made light or indoor natural light and that of darkroom is less than ± 1 %
- Power consumption: ≤ 100 mA
- Working voltage: DC 3.6 V ~ 4.2 V
- Battery: one 3.7 V rechargeable lithium battery
- Battery lifetime: ≥ 500 times (charge and discharge times)
- Safety class: internally powered equipment, type BF applied part

Physical characteristic

- Dimension: 63 mm (L) \times 55 mm (W) \times 15 mm (H)
- Weight: about 45 g (including one lithium battery)