

CONTEC



LIGHT THE RHYTHM OF LIFE WITH TECHNOLOGY



Pulse Oximeter **CMS70A**

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Pulse Oximeter

CMS70A



CMS70A 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).

Features

- SpO₂ value display
- Pulse rate value display, bar graph display
- PI value display
- Pulse waveform display
- Battery power display
- Low-power indication: low-power indication symbol appears before working abnormality which is due to low-power.
- Review function
- Screen brightness can be adjusted
- Volume can be adjusted
- Display mode can be adjusted
- Pulse sound indication
- With alarm function, the patient could set alarm limit.
- With real-time data uploading function.
- With clock function
- With two kinds of power supply mode (alternating current and internal electrical power source)

Physical characteristic

- Dimension: 269(L) × 222(W) × 79(H) mm
- Weight: about 1 kg (including battery)

Performance

- Display mode: 2.4" color screen (Screen resolution: 240*320) and digital tube display together
- 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.
- PI measurement range: 0% ~ 20%
Accuracy: 1% ~ 20%, allowable absolute error: ±1%;
0% ~ 0.9%, allowable absolute error: ±0.2%
- Accuracy under low perfusion: low perfusion 0.4%, SpO₂ accuracy: ±4%; PR accuracy: ±2 bpm or ±2%, whichever is greater.
- Light interference: compared to the values measured in normal condition and ambient light condition, the deviation: ≤ ±1%.
- Alternating current supply: 100 ~ 240V AC, 50/60 Hz
- Internal electrical power source: 3.6V DC - 4.2V DC
- Battery: A rechargeable built-in lithium battery, after the power failure of the equipment, the battery can continue to work.
- Battery life: Charging and discharging not less than 500 times
- Safety class: II genus, type BF applied part

Accessory

- A user manual
- A power supply line
- A data line
- A SpO₂ probe