

# PATIENT MONITOR CMS-6500

This device can monitor such parameters as ECG, RESP, SpO<sub>2</sub>, PR, NIBP and TEMP, etc. It integrates parameter measurement module, display and recorder in one device to form a compact and portable equipment.

## Features

- 7" TFT color LCD, multi-language interface(English, Chinese, Russian, Kazakhstan, Czech, Slovak).
- Touch screen operation, which improves the working efficiency for medical staff.
- Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection.
- All-round monitor for adult, pediatric and neonate.
- With standard interface, big character interface and view bed, convenient to observe.
- Waveform, parameter color and location can be set optionally.
- Display 7-lead ECG waveform on one screen.
- Adopt digital SpO<sub>2</sub> technology, anti-motion and anti-ambient light interference, and measurement can be performed under the circumstance of weak filling.
- NIBP measurement mode: Manual/AUTO/Continuous, storage for 4800-group NIBP data.
- Review for 71 alarm events of all parameters and 60 arrhythmia alarm events.
- Drug concentration calculation and titration table functions.
- Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.
- AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring.
- Anti-high frequency surgical unit, defibrillation-proof(special leads are necessary).



## NIBP

- **Method:** Oscillometry
- **Measurement mode:** manual/auto/continuous
- **Measurement interval in auto mode:** 1 / 2 / 3 / 4 / 5 / 10 / 15 / 30 / 60 / 90 / 120 / 240 / 480 mints.
- **Measurement period in Continuous mode:** 5 minutes
- **Measurement and alarm range:** 10 ~ 270 mmHg
- **Resolution:** 1 mmHg
- **Cuff pressure accuracy:** ±3 mmHg
- **Adult:** 297±3 mmHg
- **Pediatric:** 240±3 mmHg
- **Neonatal:** 147±3 mmHg
- **Measurement accuracy:**
  - Maximal mean deviation : ±5 mmHg
  - Maximal standard deviation : 8 mmHg

## Performance

### ECG

- ECG waveform
- Arrhythmia and ST-segment analysis
- **Lead mode:** 3-lead or 5-lead
- **Lead selection:** I, II, III, aVR, aVL, aVF, V
- **Waveform:** single-channel
- **Gain:** 2.5mm/mV, 5.0mm/mV, 10mm/mV, 20mm/mV
- **Scan speed:** 12.5mm/s, 25 mm/s, 50 mm/s

### SpO<sub>2</sub>

- Oxygen saturation(SpO<sub>2</sub>)
- Plethysmogram (PLETH) waveform
- Pulse rate(PR)
- Bargraph
- **Measurement range:** 0 %~100 %
- **Alarm range:** 0 %~100 %
- **Resolution:** 1 %
- **Accuracy:** 70 %~100 %, ±2 %; 0%~69%: unspecified.

### RESP

- Respiration waveform
- Respiration rate(RR)
- **Method:** R-F (RA-LL) Impedance
- **Respiration rate:**
- **Measurement and alarm range:** 0~150 rpm
- **Resolution:** 1 rpm
- **Measurement accuracy:** ±2 rpm
- **Alarm accuracy:** ±3 rpm
- **Apnea alarm:** 10~40s
- **Scan speed:** 12.5 mm/s, 25 mm/s

### PR

- **Measurement range:** 30 bpm~250 bpm
- **Alarm range:** 30 bpm~250 bpm
- **Resolution:** 1 bpm
- **Accuracy:** ±2 bpm or ±2 %, whichever is greater.

### TEMP.

- **Measurement range:** 0°C~50°C
- **Alarm range:** 0°C~50°C
- **Resolution:** 0.1 °C
- **Accuracy:** ±0.1 °C

## Technical Specifications

- **Parameter Measures:** ECG, RESP, SpO<sub>2</sub>, PR, NIBP
- **Make / Model:** CONTEC CMS6500
- **Adapter:** 9 (V) DC,
- **Power Supply AC:** 100 ~ 240 (V), 50/60 (Hz)
- **Maximal input power:** 150VA
- **Safety classification:** Class I, type CF defibrillation-proof applied part
- **Dimension:** 192 mm(L) x 162 mm(W) x 243 mm(H)
- **Weight:** 2.2 Kg

## Accessories

- Adult fingertip SpO<sub>2</sub> probe
- SpO<sub>2</sub> probe extension cable
- Adult NIBP cuff
- NIBP extension tube
- ECG lead cable
- ECG electrode
- Temperature probe
- Power cord
- Power adapter
- User Manual

NOTE: DUE TO OUR CONTINUOUS R & D PROGRAM SPECIFICATIONS AND DESIGN MAY CHANGE WITHOUT PRIOR NOTICE.



**C Cube Advanced Technologies**  
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Certified Company)

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