

PATIENT MONITOR CMS-8000



The monitor has abundant functions that can be used for clinical monitoring with adult, pediatric and neonate. Users may select different parameter configuration according to different requirements. The monitor, power supplied by 100-240V ~ 50/60Hz, adopts 12.1" color TFT LCD displaying real-time date and waveform. It can synchronously display eight-channel waveform and full monitoring parameters equipped with an optional 48mm thermal recorder. The monitor can be connected to the central monitoring system via wire or wireless network to form a network monitoring system.

This device can monitor such parameters as ECG, RESP, NIBP, SpO2, and dual-channel TEMP, etc. It integrates parameter measurement module, display and recorder in one device to form a compact and portable equipment. Its replaceable internal battery brings lot of convenient for patient moving.

Features

- 12.1" TFT color LCD, multi-language interface(Simplified Chinese, Traditional Chinese, English, French, German, Turkish, Spanish, Portuguese, Italian, Dutch, Romanian, Russian, Kazakh, Polish, Czech).
- 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, oxygen graph, trend graph, big character interface and view bed, convenient to observe.
- Finish all operations by keys and knobs.
- Maximum 8-channel waveform synchronous display.
- Display 7-lead ECG waveform on one screen, cascade ECG waveform display
- Adopt digital SpO2 technology, anti-motion and anti-ambient light interference, and measurement can be performed under the circumstance of weak filling.
- Heart rate variability (HRV) analysis function
- NIBP measurement mode: Manual/AUTO/STAT, 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.
- One-touch printing of trend graph
- 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).

Technical Specifications

- **Parameter Measures :** ECG, RESP, NIBP, SpO₂, Dual-channel TEMP
- **Make / Model :** CONTEC CMS8000
- **Power Supply AC :** 100 ~ 240 (V), 50/60 (Hz)
- **Safety classification :** Class I, type CF defibrillation-proof applied part
- **Dimension :** 314 mm(L) × 145 mm(W) × 264 mm(H).
- **Weight :** 3.9Kg

Performance

ECG

- ECG waveform
- Heart rate(HR)
- 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

NIBP

- **Method :** Oscillometry
- Systolic pressure(SYS), Diastolic pressure(DIA), Mean pressure(MEAN)
- **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

TEMP.

- **Channel :** Dual-channel (T1, T2, TD,).
- **Measurement range :** 0 °C~50 °C
- **Alarm range :** 0 °C~50 °C
- **Resolution :** 0.2 °C
- **Accuracy :** ±0.1 °C

Accessories

- Adult fingertip SpO₂ probe
- SpO₂ probe extension cable
- Adult/Neonatal cuff + cable (based on selection)
- NIBP extension tube

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

SpO₂

- Oxygen saturation(SpO₂)
- Plethysmogram (PLETH) waveform
- Pulse rate(PR)
- Bar graph
- **Measurement range :** 0 %~100 %
- **Alarm range :** 0 %~100 %
- **Resolution :** 1 %
- **Accuracy :** 70 %~100 %, ±2 %; 0%~69%: unspecified.

PR

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

IBP (Upgradable)

- **Channel :** 2
- **Pressure transducer :** Sensitivity 5(mV/V/mmHg)
- **Transducer sites :** ART, PA, CVP, RAP, LAP, ICP

CO₂(optional)

- EtCO₂
- **InsCO₂ :** Inspired Minimum Co2
- **AwRR :** Air Way Respiration

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



C Cube Advanced Technologies
(An ISO-9001 & ISO-13485
Certified Company)



+91-80500 50512



+91-80-43021028



marketing@ccubeadvtech.com
ccubeadvtech@gmail.com



www.ccubeadvtech.com

Manufacturers, Suppliers & Dealers of Medical Equipments