

CPM-8000 Patient Monitor

Features:

- Application of embedded system and high integrated intelligent Modular technology
- Suitable for adults, pediatrics, or neonates
- 8.4" high resolution TFT display with 7 waveforms
- 72 hours' trend recall
- ST segment, auto detection of lead-off
- Function of Oxy-CRG analysis
- Protection against electrocardiogram, defibrillator or pace-maker interference
- Net work function

CPM-8000

Patient Monitor

Specification

Environment

Operating: Temperature 5~40°C Humidity = 80%
Storage: Temperature -20~55°C Humidity = 93%

Power

AC: 85-260V 50/60Hz $\pm 0\%$
DC: Built-in rechargeable battery, 2 hours' working time

Display

8.4" TFT, 800*600
Maximum 7 waveforms in full screen
Power/standby indicator and battery indicator

Battery

Rechargeable 12V Acid battery
Regular working time above 2 hours
Lasting 5 minutes after first alarm of low battery

Recorder

Built-in, thermal array
Recording mode: manual, alarm and timing
Parameter alarm recording
Waveform freeze recording
Trend list/graph recording
Alarm event review recording
NIBP review recording
Monitor information recording

Recall

Trend recall: 72 hours, 1-minute resolution
Alarm event recall: all parameters
NIBP measurement recall: .1400 NIBP measurement data

ECG

Displaying graphics of 7 leads on the same screen
Overload protection: Defibrillation.
Anti the interference of high-frequency electro-tome
Lead: 5 leads (RA, LA, V, RL, LL)
Lead Selection: I; II; III; avR; avL; avF; V;
Waveform: 7 channels
Gain Selection: $\times 0.5$; $\times 1$; $\times 2$; $\times 4$
Electrical Leakage: $< 30\mu A$
Baseline Recovery Time: < 3 sec following defibrillation
Protection: separates and withstands, 4000V AC/50Hz defibrillation, resistant to interference of electrotonus and myoelectricity
Scan Speed: 12.5mm/25mm/50mm/sec
Lead Drop: auto detection
Modes: DIA: 0.05~100Hz
MON: 0.5~35Hz
OPE: 1~25Hz

RESP

Model: RA-LL impedance
Measurement /alarm range: 19 rpm
Resolution: 1rpm.
Accuracy: ± 2 rpm.

NIBP

Unique Direct, Reverse and Quick modes
Method: automatic oscillometric
Working Mode: Auto/Manual
Interval of Auto Mode: 1-60 min
PR Range: 0-300 bpm
Measurement Unit: mmHg/Kpa Selectable
Measurement Ranges: Systolic BP, Diastolic BP and Mean BP
Applicability: Adult/Pediatric/Neonatal
Overload protection: Dual security protection

SpO₂

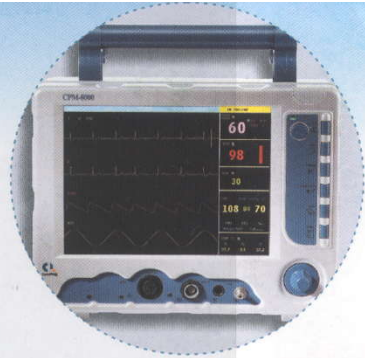
SpO₂ probe of high intensity and durability
Excellent measurement of low perfusion.
Anti interference of movement
Measurement Range: 0-100%
Alarm range: 0-100%
Resolution: $\pm 1\%$
Accuracy: $\pm 2\%$ (80-100%)
 $\pm 3\%$ (60-79%)
PR range: 0~300bpm

HR

A. Measurement Range: 0-300bpm
B. Accuracy: ± 1 bpm or $\pm 2\%$
C. Resolution: 1bpm
D. ECG Calibration: 1mV (Peak Value)
ST Segment offset (Diagnose Mode)
A. Measurement Range: -0.8mV~2.0mV
B. Accuracy: ± 0.02 mV or $\pm 5\%$

TEMP

Resolution: 0.1 degrees Celsius
Accuracy: ± 0.2 degrees Celsius
Channel: 1 channel
Average measurement Time: < 10 sec
Alarm: Sound, light
Standard Configuration: ECG + RESP + NIBP + SpO₂ + HR(PR) + TEMP + Built-in Battery
Optional Equipment: EtCo₂, Single/Dual IBP, Built-in thermal recorder



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