



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 electro-tome, 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: 72hours, 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 electrotome

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: 199 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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