



CPM-9000

Multi-parameter Patient Monitor



Patient Monitor

Main features

- 12.1" high brightness TFT display
- Built-in rechargeable lithium battery
- Over pressure protection
- Arrhythmia and ST-segment analysis
- Audio and visual alarm
- Network function
- 72-hour tabular and graphic trends of all parameters
- 400 groups of NIBP data storage and review
- Applicable for adult, pediatric, and neonate

Standard configuration: ECG, NIBP, SPO2, RESP, TEMP, HR

Options: EtCo2, 2-IBP, thermal printer, C/S software

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Technical Specifications

Safety standard

IEC-60601-1, CE marked

Power supply

AC: 100-240V, 50/60Hz

DC: 7.4V

Packing information

Size: 310×140×263mm

Weight: 3.8kgs(net), 10kgs(gross)

Carton size: 42×41×35cm

Display

12.1" color TFT

Maximum 8 waveforms in full screen

Power/standby indicator and battery indicator

Battery

Rechargeable, regular working time above 2 hours

Lasting 5 minutes after first alarm of low battery

Recorder(Optional)

Built-in, thermal array

Recording mode: manual, alarm and timing

Paper width: 50mm

Recording width: 48mm

Recording track: single channel, three channel

Recording speed: 25mm/s, 50mm/s

Recall

Trend recall: 72 hours, 1-minute resolution

Alarm event recall: all parameters

NIBP measurement recall: At least 400 NIBP measurement data

ECG

Lead Input: 3-lead, 5-lead

Lead method: I; II; III; avR; avL; avF; V

I; II; III

Gain: X0.25; X0.5; X1.0; X2.0; X4.0; Auto

Sweep speed: 12.5mm/s, 25mm/s, 50mm/s

Differential input impedance: ≥ 50 ohm

HR

Range: 15-300bpm

Resolution: 1bpm

Precision: $\pm 1\%$ or ± 1 bpm, prior to larger

Sensitivity: ≥ 0.2 mVpp

Alarm range: 0-350bpm up/down limitation adjustable

Alarm indicator: audio & video, 3 levels

RESP

Method: RA-LL impedance method

RESP measurement & alarming:

Adult: 0-120bpm

Neonatal/ pediatric: 0-150bpm

Resolution: 1bpm

Accuracy: ± 2 bpm

Differential input impedance: over 2.5M ohm, RA-LL lead

Apnea alarm: 10-40 seconds

NIBP

Measurement method: automatic vibration

Work mode: Manual / Automatic/ Continuous;

Unit: mmHg/ Kpa optional;

Measurement range:

Adult: SYS 40-270mmHg; DIA10-210mmHg; MEAN 20-230mmHg

pediatric: SYS 40-200mmHg; DIA10-150mmHg; MEAN 20-165mmHg

Neonatal: SYS 40-135mmHg; DIA10-210mmHg; MEAN 10-100mmHg

Overpressure protection: dual protection

(1) 290mmHg

(2) $300 \pm 10\%$ mmHg

Resolution: 1mmHg

Precision: $\pm 4\%$ or 8mmHg

Alarm type: Systolic/diastolic/average

SPO2

Measurement & alarm range: 0-100%

Resolution: $\pm 1\%$

Precision: $\pm 2\%$

PR and alarm range: 0-250bpm

PR resolution: 1bpm

PR precision: ± 2 bpm

TEMP

Measurement & alarm range: 0-50°C

Resolution: $\pm 0.1^\circ\text{C}$

Precision: $\pm 0.1^\circ\text{C}$

Channel: 2 channels, giving display of T1, T2 and ΔT

EtCo2(Optional)

Operating principle: infrared spectroscopy

Measuring mode: sidestream or mainstream

Measuring range: 0-150 mmHg

Accuracy: Co2 concentration

Warm-up time: 2~15 seconds

Apnea alarm: YES

IBP(Optional)

Channel: 2

Transducer sensitivity: 5 μ V/V/mmHg

Accuracy: $\pm 2\%$ or ± 1 mmHg, use the greater

Resolution: 1 mmHg

Measuring and alarm range:

ART: 0~300(mmHg)

PA: -6~120(mmHg)

CVP/RAP/LAP/ICP: -10~40(mmHg);

P1/P2: -10~300(mmHg)

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※ Specification subject to change without prior notice

