

PC-9000C

Multi-parameter Patient Monitor



CE 1011

Your health, our concern!

Features:

- 12.1" high resolution color TFT display, 4-channel waveform display;
- Standard parameters: ECG, RESP, SpO₂, NIBP, TEMP, PR; Optional: IBP&EtCO₂
- Arrhythmia analysis and ST segment analysis
- Up to 400 groups parameter data storage and recall
- 96-hour graphic and tabular trends for all parameters
- Protection against interference from defibrillator, electrosurgical knife
- Adult / Pediatric / Neonatal measurement modes
- Visual and audible alarms; Networking capability
- Built-in rechargeable battery
- Optional built-in thermal printer



Technical Specification

NIBP Monitoring

Measuring method	Automatic measurement by intelligent oscillating method.
Cuff inflation time	≤10 seconds (typical adult cuff)
Initial cuff inflation pressure	Adult and infant mode: 180mmHg Neonate mode: 120mmHg
Overpressure protection limit	Adult and infant mode: 300 mmHg Neonate mode: 140 mmHg
Measuring range	Systolic pressure: Adult and infant: 25mmHg~265mmHg Neonate: 25mmHg~135mmHg Diastolic pressure: Adult and infant: 12mmHg~220mmHg Neonate: 12mmHg~110mmHg Mean arterial pressure: Adult and infant: 18mmHg~245mmHg Neonate: 18mmHg~120 mmHg
Measurement accuracy	Systolic ±10% Diastolic ±10% MAP ±10%
Measurement mode	Manual, Auto, STAT
Automatic measuring intervals	1~240min interval tolerance: <10s

RESP Monitoring

Monitoring range	0rpm~120rpm
Monitoring accuracy	±10%

ECG Monitoring

Heart rate measurement	±0.4mVp~±3mVp
Heart rate display range	20bpm~250bpm
Display accuracy	±1% or ±2bpm, whichever is greater
Heart rate alarm delay time	≤12s
Sensitivity selection	Auto, ×1/2, ×1, ×2, ×4 tolerance: ≤5%
Sweeping speed	12.5mm/s, 25mm/s, 50mm/s tolerance: ≤10%
ECG noise level	≤30μVP-P
ECG input loop current	≤0.1μA
Input impedance	≥5MΩ
Common-mode rejection ratio	≥80dB
Time constant	Monitoring mode≥0.3s Diagnostic mode≥3.2s
Frequency response	Monitoring mode: 0.5Hz~25Hz Diagnostic modes: 0.05Hz~75Hz

SpO₂ & Pulse Rate Monitoring

Transducer	dual-wave length LED
SpO ₂ measuring range	35%~100%
Low perfusion capability	0.4%~5%
SpO ₂ display accuracy	90%~99% ±2% 70%~89% ±4% 40%~69% ±6%
PR measuring range	30bpm~240bpm
PR measuring accuracy	±2bpm

TEMP Monitoring

Measuring range	25.0℃~45.0℃
Measuring accuracy	±0.2℃
TEMP responding time	≤120s

IBP Monitoring

Measuring method	Strain gauge transducer Sensitivity: 5μV/ V/mmHg.
Measuring parameters	systolic pressure, diastolic pressure, mean arterial pressure and pulse rate
Measurement Range	-10mmHg~300mmHg
Accuracy	0mmHg~100mmHg: ±4mmHg 100mmHg~300mmHg: ±2%
PR measurement	Range: 30bpm~300bpm
Accuracy	±1% or ±1bpm, whichever is greater.
Position of measurement	ART: arterial pressure PA: pulmonary artery pressure CVP: central venous pressure RAP: right atrium pressure LAP: left atrium pressure ICP: intracranial pressure
Sampling rate	512Hz
Calibration methods	2 points calibration at 0 and 100mmHg

CO₂ Monitoring

Measuring method	Side-stream
Measuring parameters	respiration rate, EtCO ₂ and InsCO ₂
CO ₂ measurement	Range: 0~99mmHg Accuracy: ±4mmHg
Respiration rate measuring range	1~99rpm
Flow rate	50ml/min

Note: Specifications subject to change without prior notice.



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