

# PC-9000

## Multi-Parameter Patient Monitor



*Your health, my concern!*



- 12.1" color TFT display, 5-channel waveform display
- Standard parameter: ECG, SpO<sub>2</sub>, RESP, NIBP, TEMP and Pulse
- S-T segment automatic analysis
- ECG wave freezing with manual analysis
- Trend data analysis for 12/24/96 hours
- Store and review a list of 400 groups of parameter data and 5-minute ECG waveforms
- Automatic analysis of 20 VPC
- Protection against interference from defibrillator and electrosurgical knife
- Pacemaker detection
- Adult/Pediatric/Neonatal measurement modes
- Built-in rechargeable battery
- Networking capability

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## Multi-Parameter Patient Monitor



### ECG

Heart rate range	20 bpm-250 bpm
Bandwidth	Monitoring mode: 0.5 Hz-40 Hz Diagnosis mode: 0.5 Hz-75 Hz
Accuracy	± 1% or ± 2 bpm (whichever larger)
Alarm	High & Low limits setting, user adjustable Automatic memory
ECG lead	GND, standard I, II & III, AVR, AVL & AVF, V1-V6
Resolution	1 bpm
S-T segment detection	-2.0-2.0 mV, automatic
Arrhythmia analysis	Yes
Lead off alarm	Yes, visual and audible alarm
Sweep speed	12.5/25/50 mm/sec
Gain selection	× 1/2, × 1, × 2 and automatic
Protection	Resistance against the interference from electrosurgical knife, defibrillator, mains and EMG
ECG lead/cable	General adult and pediatric lead/cable (standard) General pediatric and neonatal clip type lead/cable (optional)

### Non-invasive Blood Pressure (NIBP)

Measurement method	Automatic Intelligent oscillation method
Parameters	Systolic, diastolic and mean pressure
Alarm	High & Low limits setting, user adjustable Automatic memory
Working mode	Manual, automatic and STAT (continuous, 5 minutes)
Unit	mmHg/kPa selectable
Cuff pressure range	0 mmHg-300 mmHg
Cuff inflation time	≤ 10sec (standard adult cuff)
Cuff deflation time:	≤ 2sec (standard adult cuff)
Cuff type	Adult cuff (standard) Pediatric/Neonatal cuff (optional)
Measurement range	Adult/Pediatric: Systolic pressure: 25 mmHg-265 mmHg Diastolic pressure: 12 mmHg-220 mmHg Mean pressure: 18 mmHg-245 mmHg Neonatal: Systolic pressure: 25 mmHg-135 mmHg Diastolic pressure: 12 mmHg-110 mmHg Mean pressure: 18 mmHg-120 mmHg
Time for automatic measuring	1-240min

### Respiration (RESP)

Measurement method	Thoracic impedance
Measurement range	0 bpm-100 bpm
Accuracy	± 10%
Alarm	High & Low limits setting, user adjustable Automatic memory

### Temperature (TEMP)

Measurement range	25°C -45°C
Resolution	0.1°C
Accuracy	± 0.2°C
Probe	Body surface probe (standard) Rectal/ esophageal probe (optional)
Alarm	High & Low limits setting, user adjustable Automatic memory

### Pulse Oxygen Saturation (SpO<sub>2</sub>)

Display	SpO <sub>2</sub> value, SpO <sub>2</sub> waveforms, pulse rate and pulse histogram
Measurement range	35%-100%
Resolution	1%
Accuracy	± 2% (90%-99%) ± 4% (70%-89%) ± 6% (40%-69%)
Pulse rate range	30 bpm-240 bpm
Probe	Adult: finger clip (standard) Pediatric and neonatal: multi-functional SpO <sub>2</sub> sensor (optional)
Alarm	High & Low limits setting, user adjustable Automatic memory

### Printer

Type	Built-in thermal printer
Print mode	Real-time or event triggered recording of waveforms and texts

### Other Specifications

Power supply	220V AC 50Hz and 100-250CAC 50/60Hz selectable
Power consumption	≤ 80VA
Gross weight	15Kg
Dimensions	355 (L) × 190(W) × 350(H) (mm)
Battery	Sealed lead acid rechargeable
Service life	2 hours
Safety standard	IEC60601-1 (GB 9706.1)
Quality system	ORKI 13485-2003 certified CE EN ISO 13485:2003 certified

### Configuration

Standard configurations	Heart rate, all-lead ECG, NIBP, SpO <sub>2</sub> , respiration, temperature, pulse, internal battery
Optional configurations	Internal printer, mounting bracket, pediatric and adult accessories
Display	12.1" colour TFT display, dual screen connective

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Note: Specifications subject to change without prior notice.