

UP-9000

Multi-parameter Patient Monitor



CE 1011

Your health, my concern!



- ✚ 15" high resolution color TFT screen
- ✚ Standard parameters: ECG, SpO₂, RESP, NIBP, 2-TEMP & PR; **Optional:** IBP&EtCO₂
- ✚ 5 or 9-channel waveform display with trend coexistence, switchable to large font
- ✚ Arrhythmia analysis and ST segment analysis
- ✚ 7-channel ECG waveforms display simultaneously
- ✚ Eight channel real-time waveforms and two hours' trends viewing
- ✚ Trend data analysis for 8/24/120 hours
- ✚ Storage & review 500 groups of parameter data & 24-hour ECG waveforms
- ✚ Protection against interference from defibrillator & electrosurgical unit
- ✚ Adult / Pediatric / Neonatal measurement modes
- ✚ Visual and audible alarms; Networking capability
- ✚ Built-in rechargeable battery; Optional built-in thermal printer



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Technical Specifications

NIBP Monitoring

Measuring method Automatic measurement by intelligent oscillating method.

Cuff inflation time: <30 seconds (typical adult cuff)

Initial cuff inflation pressure Adult mode: 180mmHg
Infant mode: 120mmHg
Neonate mode: 90mmHg.

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 $\pm 10\%$
Diastolic $\pm 10\%$
MAP $\pm 10\%$

Measurement mode Manual, Auto, STAT

Automatic measuring intervals 1~240min
interval tolerance: <10s

RESP Monitoring

Monitoring range 0rpm~120rpm

Monitoring accuracy $\pm 10\%$

SpO₂ & Pulse Rate Monitoring

Transducer dual-wave length LED

SpO₂ measuring range 35%~100%

Low perfusion capability 0.4%~5%

SpO₂ display accuracy 75%~100% $\pm 2\%$
50%~75% $\pm 3\%$

PR measuring range 30bpm~240bpm

PR measuring accuracy ± 2 bpm

ECG Monitoring

Heart rate measurement ± 0.4 mVp~ ± 3 mVp

Heart rate display range 15bpm~300bpm

Heart rate display accuracy $\pm 1\%$ or ± 2 bpm, whichever is greater

Heart rate alarm delay time ≤ 12 s

Sensitivity selection Auto, $\times 1/2$, $\times 1$, $\times 2$, $\times 4$ tolerance: $\leq 5\%$

Sweeping speed 12.5mm/s, 25mm/s, 50mm/s
tolerance: $\leq 10\%$

ECG noise level ≤ 30 μ VP-P

ECG input loop current ≤ 0.1 μ A

Input impedance ≥ 5 M Ω

Common-mode rejection ratio ≥ 80 dB

Time constant Monitoring mode ≥ 0.3 s
Diagnostic mode ≥ 3.2 s

Frequency response Monitoring mode: 0.5Hz~25Hz
Diagnostic modes: 0.05Hz~75Hz

TEMP Monitoring

Measuring range 25.0 $^{\circ}$ C~45.0 $^{\circ}$ C

Measuring accuracy ± 0.2 $^{\circ}$ C

Response time ≤ 120 s

CO₂ Monitoring

Measuring method sidestream or mainstream

Measuring parameters respiration rate, EtCO₂ and InsCO₂

CO₂ measurement Range: 0~99mmHg
Accuracy: ± 4 mmHg

Respiration rate 1~99rpm

measuring range

Flow rate 50ml/min

Display

15" high resolution color TFT screen

Note: Specifications subject to change without prior notice.



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