



UP-7000

Multi-parameter Patient Monitor

NIBP

| | | |
|---------------------------------|---------------------------------------|----------------|
| Technique | Oscillometric | |
| Typical measuring time | <30 seconds (typical adult cuff) | |
| Initial cuff inflation pressure | Adult | <175mmHg |
| | Pediatric | <135mmHg |
| | Neonate | <65mmHg |
| Overpressure protection limit | Adult | 300mmHg |
| | Pediatric | 240mmHg |
| | Neonate | 150mmHg |
| Measuring range | | |
| Systolic pressure | Adult | 40mmHg~275mmHg |
| | Pediatric | 40mmHg~200mmHg |
| | Neonate | 40mmHg~135mmHg |
| Diastolic pressure | Adult | 10mmHg~210mmHg |
| | Pediatric | 10mmHg~150mmHg |
| | Neonate | 10mmHg~95mmHg |
| Mean arterial pressure | Adult | 20mmHg~230mmHg |
| | Pediatric | 20mmHg~165mmHg |
| | Neonate | 20mmHg~110mmHg |
| Measurement accuracy | Maximum mean difference: ± 5 mmHg | |
| | Maximum standard deviation: 8 mmHg | |
| Measurement mode | Manual, Auto, STAT | |
| Automatic measuring intervals | 1~480min | |

TEMP

| | |
|--------------------|--|
| Measuring range | 21.0°C~50.0°C |
| Measuring accuracy | $\pm 0.2^\circ\text{C}$ for range from 25.0°C~45.0°C |

SpO₂

| | |
|-------------------------------------|---|
| Transducer | Dual-wave length LED |
| SpO ₂ measuring range | 0%~100% |
| SpO ₂ measuring accuracy | 2% for range from 70% to 100% |
| Low perfusion performance | As low as 0.4% |
| PR measuring range | 0bpm~250bpm |
| PR measuring accuracy | ± 2 bpm or $\pm 2\%$, whichever is greater |

ECG

| | |
|------------------------------------|---|
| Input dynamic range | $\pm 0.5\text{mVp} \sim \pm 5\text{mVp}$ |
| HR measuring range | 15bpm~350bpm |
| HR measuring accuracy | $\pm 1\%$ or ± 2 bpm, whichever is greater |
| HR alarm delay time | $\leq 10\text{s}$ |
| Sensitivity selection | $\times 1/4$, $\times 1/2$, $\times 1$, $\times 2$, $\times 4$ and Auto |
| Sweeping speed | 6.25mm/s, 12.5mm/s, 25mm/s, 50mm/s |
| ECG noise level | $\leq 30\mu\text{Vp-p}$ |
| ECG input loop current | $\leq 0.1\mu\text{A}$ |
| Differential input impedance | $\geq 10\text{Mohm}$ |
| Common-mode rejection ratio (CMRR) | $\geq 105\text{dB}$ (Monitoring mode) |
| | $\geq 89\text{dB}$ (Diagnostic mode) |
| Time constant | $\geq 0.3\text{s}$ (Monitoring mode) |
| | $\geq 3.2\text{s}$ (Diagnostic mode) |

RESP

| | |
|-----------------------|--|
| RR measuring range | 0rpm~120rpm |
| RR measuring accuracy | $\pm 5\%$ or ± 2 rpm, whichever is greater |

Others

| | |
|------------------|-------------------------|
| Power supply | 100~240Vac, 50/60Hz |
| Built-in battery | 4400mAh Lithium battery |
| Display | 12.1 inch TFT display |
| Alarming mode | Audible-visual alarm |
| Networking port | Ethernet port |

Standard Configuration

ECG, RESP, SpO₂, NIBP, TEMP, PR

Option

2-IBP, EtCO₂, Nellcor SpO₂, SunTech NIBP, Cardiac Output, Built-in printer, Cerebral State Monitoring, Central monitoring system, Touch screen

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FEATURES



- 12.1" high resolution TFT display with LED backlight
- Arrhythmia analysis and S-T segment measurement
- Protection against defibrillator discharge
- Adult/Pediatric/Neonate measurement modes
- Visual and audible alarms; Networking capability
- Up to 9 waveforms simultaneously display
- 72-hour ECG waveform data storage and recall
- 2000-hour data trends with graphic and tabular view
- 2000 groups event, ARR and SpO₂ storage
- Built-in lithium battery; Touch screen optional

PRODUCT ACCESSORIES



Skin temperature



NIBP cuff



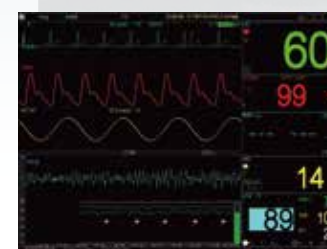
ECG leadwire



SpO₂ sensor



Dual IBP with EtCO₂



Cerebral state monitoring



Dual IBP with cardiac output



9 waveform display