VITAL SIGNS MONITOR

i7000

Touch Screen
(Optional)

Infrared Ear Thermometer
(Optional)

Easy-carried Design

Barcode Scanner
(Optional)

FEATURES

- 8-inch high-resolution TFT displaying screen
- Various parameter configurations for different clinic applications
- Easy-carried and lightweight
- Wired Ethernet/Wi-Fi supported
- Up to 10-hour continous battery life

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Technical Specifications

Display	8"color TFT screen Resolution: 800*600 dpi
Indicator	Power indicator light Battery indicator light
Battery	Rechargeable lithium battery
Networking	Wired Or Wireless
I/O	LAN: 1 standard RJ45 Port WLAN: IEEE802.11b/g/n USB: 2 USB connectors SD: 1 SD card Socket VGA: 1 standard color VGA monitor connector Output: 1 standard connector for Nurse Call, Defib Sync Analog Output
Recorder(Optional)	Built-in, thermal dot array Waveform: 3 channels Paper width: 50mm Print speed: 12.5 mm/s, 25mm/s, 50mm/s
ECG	Lead type:3-lead,5-lead Wave sweep speed : 6.25mm/s, 12.5 mm/s, 25 mm/s, 50 mm/s Bandwidth Diagnostic mode:0.05Hz~100Hz Monitor mode:0.5Hz~40Hz Surgery mode:1Hz~20Hz Strong filter mode:5Hz~20Hz CMRR>100dB Notch:50/60Hz, notch filter can be set to on or off Differential input impedance>5MΩ Electrode polarization voltage range:±400mV Baseline recovery time<3s after defibrillation (in monitor and surgery mode) Calibration signal:1mV (peak - peak), accuracy ±3%
Respiration	Measurement method: Thoracic electrical Bioimpedance Measuring lead: Lead I, II Wave gain:×0.25, ×0.5, ×1, ×2 Respiratory impedance range: 0.5-5Ω Baseline impedance: 500-4000Ω Gain: 10 grades Scan speed: 6.25mm/s, 12.5 mm/s, 25mm/s
SpO2	Measurement range: 0~100% Resolution: 1% Accuracy: ±2% (70-100% Adult/Pediatric); ±3% (70-100% Neonate); 0-69% unspecified Refreshing rate: 1s
Masimo SET® SPO2(Optional)	Accuracy: ±2% (70-100% Adult/Pediatric, non-motion,low perfusion); ±3% (70-100% Neonate, non-motion); ±3% (70-100% motion); 0-69% unspecified
Pulse Rate	Range: 0-254 bpm Resolution: 1bpm Accuracy: ±3bpm (non-motion) ±5bpm (motion) Refreshing rate: 1s

NIBP	Method: Automatic oscillometric Operation modes: Manual/Auto / STAT Measurement unit: mmHg/kPa selectable Measurement types: Systolic, Diastolic, Mean Measurement range: Range of systolic pressure: Adult Mode 40 - 270 mmHg Pediatric Mode 40 - 200 mmHg Neonatal Mode 40 - 135 mmHg Range of diastolic pressure: Adult Mode 10 - 210 mmHg Pediatric Mode 10 - 150 mmHg Neonatal Mode 10 - 100 mmHg Range of mean pressure: Adult Mode 20 - 230mmHg Pediatric Mode 20 - 165mmHg Neonatal Mode 20 - 110mmHg Accuracy: Max mean error: ±5 mmHg Measurement Interval: 1,2,3,4,5,10,15,30,60,90,120,180,240, 480minutes Over-pressure protection: Double safety protection Cuff pressure range: 0-280 mmHg Resolution: 1mmHg
Temperature	Accuracy: ±0.1℃ or ±0.2 ℉ (without probe) Measurement method:Thermistor Measurement range: 5~50℃ (41 to 122 ℉) Channel: Two-channels Resolution: 0.1℃
Infared Ear Thermometer (Optional)	Diplayed range: 34~42.2℃ (93.2~108 F°) Operation ambient temperature range: 10~40℃(50~104°F) Accuracy for displayed temerature range: ≥35℃(95.9°F) ~≤42.2℃(107.6°F)range ±0.2℃(0.4°F) < 35℃(95.9°F) ~≥34℃(93.2°F)range ±0.3℃(0.5°F)
Phasein ISA™ SidestreamCO2 (Optional)	Warm-up time: Full accuracy within 10 seconds Sampling flow rate: 50ml/min (+/-10ml/min) Accuracy: ± (0.2 % + 2 % of the reading) Measurement Range: 0 -15% Rise time: 200ms, typical at 50ml/min flow rate Total response time: within 3 seconds (with 2 m Nomoline sampling line) AWRR Range: 0-150bpm AWRR Accuracy: ±1 breath
Phasein IRMA™ Mainstream CO2 (Optional)	Measurement Range: 0 -15% Warm-up time: Full accuracy within 10 seconds Accuracy: ± (0.2 % + 2 % of the reading) AWRR Range: 0-150bpm AWRR Accuracy: ±1 breath

Operation Environment

Power	AC100-250V, 50/60Hz
Temperature	0-40℃
Humidity	15-85%
Patient Range	Adult, Pediatric, Neonate

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