

PHYSICAL SPECIFICATIONS

Dimension	9.25" (L) × 6.85" (W) × 7.44" (H) (235 mm × 174 mm × 189 mm)
Weight	Approx. 5.5lbs (2.49 kg) not including battery

POWER SUPPLY

Power Supply	100 V to 240 V~, 50 Hz/60 Hz
Pmax	70 VA

BATTERY

Battery Type	Rechargeable lithium-ion battery
Capacitance	2500 mAh, 5000 mAh
Weight	.62lbs (284g)
Typical Working Period	2500 mAh / 7 h 5000 mAh / 14 h
Maximum Rechargeable Period	2500 mAh / 3.5 h 5000 mAh / 7 h

DISPLAY

Display screen	5.6 inch color TFT
Resolution	640×480

DATA STORAGE

Trend	72 h, at 1 min resolution
NIBP trend list	30, 000 groups

PRINTER

Printer Width	1.9" (48 mm)
Paper Speed	0.5" (12.5 mm)/s, 1.0" (25 mm)/s
Recording types	Parameter list recording Trend graph review recording Real-time 8s waveform recording Recording of all the data of current patient ID

NIBP

Method	Oscillometric
Mode	Manual, Average
Measuring Type	SYS, DIA, MAP, PR
Average measurement	Interval: 1/2/3/4/5 min Times: 3/5

MEASURING RANGE

Adult Mode	SYS: 60 mmHg to 270 mmHg DIA: 30 mmHg to 215 mmHg MAP: 40 mmHg to 235 mmHg
Pediatric Mode	SYS: 60 mmHg to 230 mmHg DIA: 30 mmHg to 180 mmHg MAP: 40 mmHg to 195 mmHg
Cuff Pressure Measuring Range	0 mmHg to 300 mmHg
Pressure Resolution	1 mmHg
Maximum Mean Error	±5 mmHg
Maximum Standard Deviation	8 mmHg
Maximum Measuring Period	Adult/Pediatric: 120 s
Typical Measuring Period	20 s to 35 s (depend on HR/motion disturbance)
Overpressure Protection	Adult: 297 mmHg±3 mmHg Pediatric: 245 mmHg±3 mmHg

SPO2

Measuring Range	0% to 100%
Resolution	1%
Data update period	1 s
Accuracy	Adult/Pediatric: ±2% (70% to 100% SpO2) Undefined: (0% to 69% SpO2)

PI (PERFUSION INDEX)

Measuring Range	0-10
Resolution	1

PULSE RATE

PR (SpO2)	
Measuring range	25 bpm to 300 bpm
Accuracy	±2 bpm
Resolution	1 bpm
PR (NIBP)	
Measuring range	40 bpm to 240 bpm
Accuracy	±3 bpm or 3.5%, whichever is greater
Resolution	1 bpm

THERMOMETER: ORAL/AXILLARY

Measuring range	Monitor mode: 77°F ~ 113°F (25°C ~ 45°C) Predict mode: 95.9°F ~ 107.6°F (35.5°C ~ 42°C)
Sensor type	Oral /Axillary /Rectal
Resolution	0.2°F (0.1°C)
Accuracy	Monitor mode: 77°F ~ 113°F±0.2°F (25°C ~ 45°C±0.1°C)
Response time	< 60 s
Time for predicting	< 30 s
Measuring Mode	Direct Mode/ Adjusted Mode

THERMOMETER: INFRARED TYMPANIC

Measuring range	93.2°F ~ 108°F (34°C ~ 42.2°C)
Resolution	0.2° F (0.1°C)
Response time	1 s
Clinical Accuracy	95°F ~ 107.6°F±0.4°F (35.5°C ~ 42°C±0.2°C) 0.5°F (±0.3°C) (out of the range mentioned above)
Laboratory Accuracy	±0.4°F (±0.2°C)

SAFETY SPECIFICATIONS

Compliant with Standards	IEC 60601-1: 2005+A1:2012; IEC 60601-1-2:2014; EN 60601-1: 2006+A1: 2013; EN 60601-1-2: 2015; IEC 80601-2-30: 2009+A1:2013; ISO 80601-2-61:2011; ISO 80601-2-56:2009; IEC 60601-2-49:2011
Anti-electroshock Type	Class I equipment and internal powered equipment
Anti-electroshock Degree	BF: SpO2 , NIBP, TEMP (IR module) CF: TEMP (Quick Temp module)
Ingress Protection	IPX1

ENVIRONMENTAL SPECIFICATIONS

Temperature	Working: 32°F ~ 104°F (0°C ~ 40°C) With Oral/Axillary Temp: 50°F ~ 104°F (10°C ~ 40°C) Transport and Storage: -4°F ~ 131°F (-20°C to 55°C) With IR Temp module: -4°F ~ 122°F (-20°C to 50°C)
Humidity	Working: 15% - 95% relative humidity (non condensing) Transport and Storage: 15% - 95% relative humidity (non condensing)
Altitude	Working: 86 kPa to 106 kPa Transport and Storage: 70 kPa to 106 kPa