

V6

Vital Signs Monitor



- ✿ New generation Vital Signs Monitor
- ✿ 7" high resolution display for easy reading
- ✿ Lightweight, portable design and user-friendly interface for easy operation
- ✿ Powerful storage capacity

General:

Size and Weight

- Size: 160×130×260mm (W×H×D)
- Weight: (2.5 kg) (Including a lithium battery)

Display

- Type: 7" Color Anti-glare TFT LCD
- Resolution: 234×480 pixels

Power supply

- Input voltage: AC: 100V~240V, 50Hz/60Hz
- Input power: 70VA
- Fuse: T1.6AL/250V, 2-Φ5×20mm

Battery

- Type: 11.1V 4000mAh rechargeable lithium ion battery
- Operating time: >8 hours
- Charge time: 6h to 100% (Standby)

Data Storage

- Clinic Mode:
 - Patient quantity: 1000
 - Recording number: 16000
 - Single patient clinic record number: 1~16000
- Monitor Mode:
 - Patient quantity: 1
 - Trend data: resolution 1Min: can store 96 hours
 - resolution 5 Min: can store 480 hours
 - resolution 10 Min: can store 960 hours
 - Alarm events: 1000
 - NIBP measurement record: 5000

Environmental Specifications

- Operating
 - Temperature: (5~40) °C
 - Humidity : ≤85% (noncondensing)
 - Atmospheric Pressure: (860~1060) hPa
- Transportation and Storage
 - Temperature: (-20~+55)
 - Humidity : ≤93% (noncondensing)
 - Atmospheric Pressure: (500~1060) hPa

PR

- Measurement range: 20~250 bpm
- Resolution: 1 bpm
- Accuracy: ±1% or ± 1 bpm, whichever is the greater

Standard Configuration

NIBP,BLT digital SPO₂,PR, Lithium Battery

Option

Micro Stream EtCO₂, Nellcor SpO₂, instant Infra-Red ear thermometer

Performance:

BLT Digital SpO₂

- Measurement range (0~100) %
- Resolution: 1%
- Accuracy: ± 2% (70%~100%)
± 3% (35%~69%)
- unspecified (0~34%)

Nellcor SpO₂ (Option)

- Measurement range: (0~100) %
- Resolution: 1%
- Accuracy: ± 2% (70%~100%) (adult)
± 3% (70%~100%) (neonate)
± 2% (70%~100%) (low perfusion)
- unspecified (0~69)%

NIBP

- Technique: Automaticoscillometry
- Range: Adult: 10~270mmHg
Child: 10~235mmHg
Neonate: 10~135mmHg
- Accuracy: Static ±3 mm Hg
- Clinic: Average error: ±5 mmHg
- standard deviation: ≤8 mmHg
- Unit: mmHg.kPa
- Pulse rate range: 40-240 bpm

Microstream EtCO₂ (Option)

- Measurement way: Infrared spectrum
- Measurement mode: sidestream
- Sample flow rate: 50 ml/min ± 10 ml/min
- Measurement range: (0~19.7) %, (0~150 mmHg)
- Resolution: 0.1% or 1mmHg
- Unit: %, mmHg, kPa
- Accuracy: ±2 mmHg 0 mmHg to 40 mmHg,
±5% of reading 41 mmHg to 70 mmHg,
±8% of reading 71 mmHg to 100 mmHg,
±10% of reading 101 mmHg to 150 mmHg,
(760mmHg, temperature is 25 °C)
(when RR >80 rpm, all the range is ±12% of reading)

