

S60 Vista

Vital Signs Patient Monitor



- 7" TFT high-resolution color display with sharp view
- Parameters Highlight: SpO2 (Digital, Nellcor, and Masimo selectable), NIBP, Quick Temp, EtCO2 (Microstream), SD memory card
- Super compact and lightweight design for instant availability
- Exceptional data storage capacity both for continuous monitoring and spot check
- Built-in Li-ion battery life last up to 8 hours
- Wired networking for easy access at the point of care

TECHNICAL SPECIFICATION: **S60 Vista**

Size and Weight

- Size: 160×130×260mm(W * H * D)
- Weight: \approx 2.5kg (including a lithium battery)

Display

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

Power supply

- Input voltage: AC: 100-240V, 50Hz/60Hz
- Input power: 70VA
- Fuse: T1.6AL/250V, 2 ϕ 5x20mm

Battery

- Type: 11.1V 4000mAh rechargeable lithium 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 5Min: 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: \leq 85% (noncondensing)
 - Atmospheric Pressure: (860~1060) hPa
- Transportation and Storage
 - Temperature: (-20 ~ +55)
 - Humidity: 93% (noncondensing)
 - Atmospheric Pressure: (500~1060) hPa

PR

- Measurement Range: 20~250bpm
- Resolution: 1 bpm
- Accuracy: \pm 1% or \pm 1 bpm, whichever is the greater

Digital SpO2

- Measurement Range: (0~100)%
- Resolution: 1%
- Accuracy: \pm 2% (70%~100%)
 - \pm 3% (35%~69%)
- Unspecified: (0~34%)

Standard Configuration:

NIBP, Digital SpO2, PR, Lithium Battery

Option:

Nellcor SpO2, Masimo SpO2, Quick TEMP, Micro Stream EtCO2, Thermal recorder, SD Memory Storage, Full Touch Screen

Nellcor SpO2

- Measurement Range: (0-100)%
- Resolution: 1%
- Accuracy: \pm 2% (70%~100%) (adult)
 - \pm 3% (70%~100%) (neonate)
 - \pm 2% (70%~100%) (low perfusion)
- Unspecified: (0~69%)

Quick TEMP

- Ambient temperature: 10°C~40°C
- Measurement range: 34.0°C~43.0°C
- Measurement part: Ear cavity
- Unit: °C, °F
- Resolution: 0.1°C/°F
- Accuracy: Between 35.0°C~42.0°C: \leq \pm 0.2°C
 - Beyond 35.0°C~42.0°C: \leq \pm 0.3°C
- Clinical repeat accuracy: \leq \pm 0.3°C
- Measurement time: \leq 0.8s
- Measurement interval time: 12s
- Standby time: 40s
- Memory storage: 10

NIBP

- Technique: Automatic Oscillometry
- Range: Adult: 10-270mmHg
 - Child: 10-235mmHg
- Neonate: 10-135mmHg
- Accuracy: Static \pm 3mmHg
- Clinic: Average error: \pm 5mmHg
- Standard Deviation: \leq 8 mmHg
- Unit: mmHg, kPa
- Pulse rate range: 40-240 bpm

Microstream EtCO2

- Measurement way: Infrared spectrum
- Measurement mode: Side stream
- Sample Flow Rate: 50ml/min \pm 10ml/min
- Measurement range: (0~19.7)%, (0~150mmHg)
- Resolution: 0.1% or 1 mmHg
- Unit: %, mmHg, kPa
- Accuracy: \pm 2 mmHg 0 mmHg to 40 mmHg,
 - \pm 5% of reading 41 mmHg to 70 mmHg,
 - \pm 8% of reading 71 mmHg to 100 mmHg,
 - \pm 10% of reading 101 mmHg to 150 mmHg,
 - (760 mmHg, temperature is 25)
 - (When RR>80 rpm all the range is \pm 12% of reading)



Specification subject to be changed without prior notice.

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