

Patient Size

Bright and Clear: Large
5.7" display

Super Li-ion battery
provides more than
22 hours of continuous
monitoring

PI (Perfusion Index) provides
caregivers with an indication
of the reliability of SpO₂
measurement

Improved temperature
measurement with
readings in 12 seconds

Smart Temp™ module

Power ON/OFF

NIBP Start/Stop

Clear last measurement

Patient Size

VS-600

Vital Signs Monitor

mindray
healthcare within reach

VS-600

Vital Signs Monitor

Technical Specifications

Safety Meets the requirements of IEC60601 series.
Weight < 1.7kg (including battery)

Operation Environment

Temperature 0°C~+40°C(without Temp module),
5°C~+40°C(with Temp module)
Humidity 15%~95 %, non-condensing
Barometric 427.5~805.5mmHg(57.0kPa~107.4kPa)

Patient Type Adult, Pediatric, Neonatal

Performance Specifications

Display Dimension:90mm×99mm
Type Segment numeric digital display
Indicators Power indicator
Battery indicator
Buzzer to present power-on self test tone,
pulse tone, and technical alert
Interface Serial port for software upgrade and DIAP
protocol
Li-ion battery Rechargeable
Working time 22 hours (high capacity battery)/
11 hours (low capacity battery)

NIBP

Operation modes Manual
Measurement unit mmHg/kPa selectable
Measurement types Systolic, Diastolic, Mean, Pulse Rate
Measuring accuracy Max mean error: ±5 mmHg
Max standard deviation: 8 mmHg
Measurement range Adult: 10~270mmHg
Pediatric: 10~200mmHg
Neonate: 10~135mmHg
Over-pressure protection Yes, double protection by hardware
and software
Resolution 1mmHg
Alarm Systolic, Diastolic, Mean, Pulse Rate
Pulse Rate Range 40~240 bpm
Accuracy ±3bpm or ±3%, whichever is greater

Mindray SpO₂

Measurement range 0~100%
Resolution 1%
Accuracy Adult/Pediatric:±2% (70~100%);
Neonatal:±3% (70~100%);
0~69% unspecified
PI range 0.05~20 %
Pulse rate Range:20~254bpm
Resolution 1bpm
Accuracy ±3bpm(Without motion),
±5bpm(With motion)

Nellcor SpO₂

Measurement range 0~100%
Resolution 1%
Accuracy 70%~100%:Adult/pediatric±2%,
Neonate±3%
0%~69%, Accuracy not specified
Pulse rate Range:20~300bpm
Accuracy 20~250 bpm:± 3 bpm
251~300 bpm:not specified

SmarTemp™ Thermometer

Monitoring mode
Measurement range 25°C~44°C(77°F~111.2°F)
Accuracy ±0.2°C(±0.4°F),25~32°C(77~89.6°F),
excluding 32°C(89.6°F);
±0.1°C(±0.2°F),32~44°C(89.6~111.2°F),
including 32°C(89.6°F).
Predictive mode
Measurement range 35°C~43°C(95°F~109.4°F)
Typical measuring time <12s at ambient temperature 25~28°C
without motion

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Mindray is listed on the NYSE under the symbol "MR"

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