

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 SpO<sub>2</sub> measurement

Trusted temperature measurement provides fast temperature reading

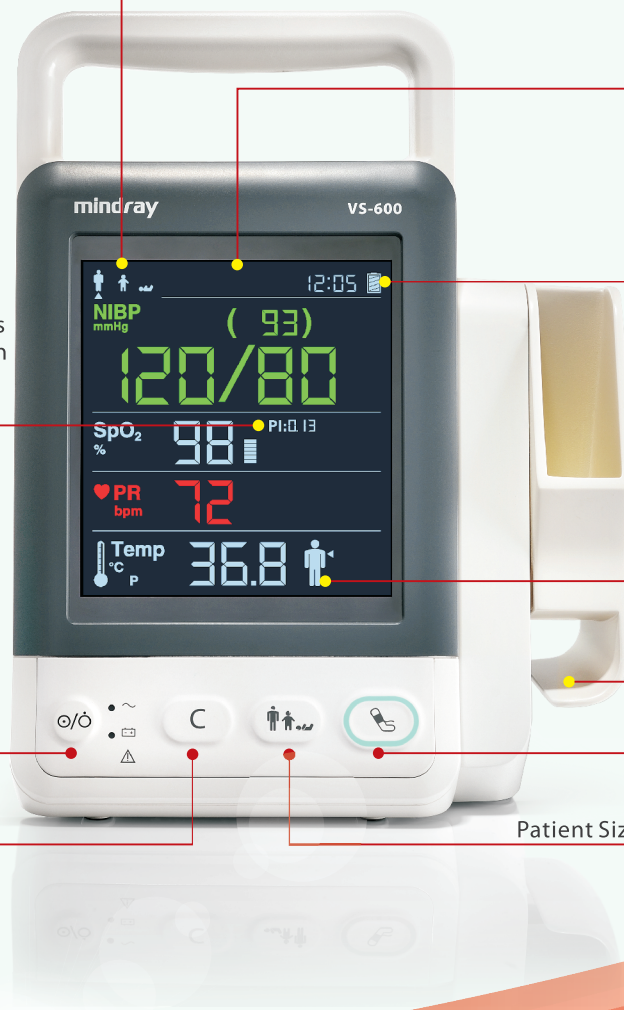
Smart Temp™ module

Power ON/OFF

NIBP Start/Stop

Clear last measurement

Patient Size



## VS-600

### Vital Signs Monitor

# 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 SpO<sub>2</sub>

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 SpO<sub>2</sub>

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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