



VS-600 supports fast, accurate and comfortable NIBP measurements. It displays reliable temperature readings in seconds and supports oxygen saturation measurements with your choice of two state-of-the-art SpO2 technologies. With all these features VS-600 will greatly reduce the time needed for vital signs checking, allowing you to focus even more on your patients.

VS-600
Vital Signs Monitor

Technical Specifications



Safety	Meets the requirements of IEC 60601 series
Weight	< 1.7 kg (including Battery)
Operation Environment	
Temperature	0 ~ 40 °C (without Temp module) 5 ~ 40 °C (with Temp module)
Humidity	15 ~ 95%, on-condensing
Barometric	427.5 ~ 805.5 mmHg (57.0 ~ 107.4 kPa)
Patient Type	Adult, Pediatric, Neonatal
Product Specifications	
Display	Dimension: 90 x 99 mm
Type	Segment numeric digital display
Indicators	Power indicator Battery indicator Technical alert
Interface	Serial port for software upgrade and DIAP protocol
Li-ion battery	Rechargeable Working time up to 22 hours (high capacity battery) / 11 hours (low capacity battery)
NIBP	
Operation mode	Manual
Measurement unit	mmHg/kPa selectable
Measurement parameters	Systolic, Diastolic, Mean, Pulse Rate
Measurement range	Adult: 10 ~ 270 mmHg Pediatric: 10 ~ 200 mmHg Neonate: 10 ~ 135 mmHg
Measuring accuracy	Max mean error: ± 5 mmHg Max standard deviation: 8 mmHg
Resolution	1 mmHg
Over-pressure protection	Double protection by hardware and software
Pulse Rate Range	40 ~ 240 bpm
Accuracy	± 3 bpm 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 ~ 254 bpm
Resolution	1 bpm
Accuracy	± 3 bpm (Without motion) ± 5 bpm (With motion)
Nellcor SpO₂	
Measurement range	0 ~ 100%
Resolution	1%
Accuracy	Adult/Pediatric: ± 2% (70 ~ 100%) Neonatal: ± 3% (70 ~ 100%) 0 ~ 69% unspecified
Pulse rate	Range: 20 ~ 300 bpm
Accuracy	20 ~ 250 bpm: ± 3 bpm 251 ~ 300 bpm: not specified
SmarTemp™ Thermometer	
Monitoring mode	
Measurement range	25 ~ 44°C (77 ~ 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 ~ 43°C (95 ~ 109.4°F)
Typical measuring time	< 12 s at ambient temperature 25 ~ 28°C without motion



VS-600
Vital Signs Monitor

Clear, Simple and Portable

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VS-600 is an ideal portable vital signs monitor, satisfying your basic clinical needs for periodic spot-check in the low-acuity areas of your hospital. VS-600 is suitable for adult, pediatric and neonatal patients and features a clear display, simple operations and superior portability.



Functions

NIBP:

Fast and convenient manual mode for spot-check

Smart Temp:

Improved TEMP measurement, first reading within 12s (oral, axillary, and rectal)

SpO₂:

PI (Perfusion Index) of SpO₂ measurement guides caregivers to find the best measurement position

** Nellcor SpO₂ is optional*

Simple

Easy access to all functions through a four-button keypad

SpO₂ and NIBP accessories compatible with Mindray BeneView series

Portable



Supper Li-ion battery for continuous use up to **22 hours**



Compact and light-weight with only **1.7kg** (including battery)



Stable trolley with quick release button



Robust and comfortable handle and rugged housing