



The **Mindray VS-800** is a Multi parameter Patient Monitor for adult, pediatric and neonatal patients. The parameters that can be monitored include; SpO₂, PR, NIBP, and TEMP. The VS-800 has a large LCD screen that can display High resolution waveforms. The Monitor can store up to 100 patient ID's and 1,200 records, along with the ability to transfer data to a PC or a central station for review. The Mindray VS-800 features a removable and rechargeable lithium-ion battery, with up to 10-hours of continuous running time.

Features

- Suitable for adult, pediatric, and neonatal patients.
- Clinical Proven SpO₂ technology.
- SmarTemp thermometer technology.
- Adjustable audible and visual alarms.
- Central Station networking.
- Removable and rechargeable battery.



Specifications

Dimensions

Height: 9.44" (24 cm)
Width: 6.7" (17 cm)
Depth: 6.7" (17 cm)
Weight: 7.7 lbs (3.5 kg)

Display

7 Segment LEDs: For systolic, Diastolic, mean pressures, SpO₂, Temp, and pulse rate
3.4" FSTN LCD: Resolution: 320x160, Pitch 0.24x0.24 mm
Trace: 1 plethysmogram waveform
Sweep Speed: 25mm/s

Recorder

Type: Built-in, thermal array
Record Width: 48mm (Record paper 50mm)
Print Speed: 25mm/s

Lead Acid Battery

Type: Rechargeable, Lead-acid
Charge Time: 8 Hours
Working Time: 4.5 Hours

Li-ion Battery

Type: Rechargeable, Lithium-Ion
Charge Time: 8 Hours
Working Time: 10.5 Hours

NIBP

Method: Automatic oscillometric
Range: Adult: 10-270mmHg, Pediatric: 10-200mmHg, Neonate: 10-135mmHg
Over-pressure Protection: Yes
Pulse Rate: 40-240 bpm
Pulse Rate Resolution: 1 bpm
Pulse Rate Accuracy: ± 2 bpm

Mindray SpO₂

Range: 0-100%
Resolution: 1%
Accuracy: Adult/Pediatric: $\pm 2\%$ (70-100%), Neonatal $\pm 3\%$ (70-100%)
Pulse Rate: Range: 20-254 bpm
Resolution: 1 bpm
Accuracy: ± 3 bpm



Specifications

Masimo SpO2

Range: 0-100%

Resolution: 1%

Accuracy: Adult/Pediatric: $\pm 2\%$ (70-100%), Neonatal $\pm 3\%$ (70-100%)

Pulse Rate: Range: 20-240 bpm

Resolution: 1 bpm

Accuracy: ± 3 bpm

Nellcor SpO2

Range: 0-100%

Resolution: 1%

Accuracy: $\pm 2-3.5\%$ (70-100%)

Pulse Rate: Range: 20-250 bpm

Resolution: 1 bpm

Accuracy: ± 3 bpm

SmarTemp Thermometer

Range: 77-112.2°F (25-44°C)

Resolution: In Monitor Mode: 0.2°F (0.1°C)

Accuracy: In Monitor Mode: 77-89.6°F (25-32°C): $\pm 0.3^\circ\text{F}$ ($\pm 0.2^\circ\text{C}$); 89.6-112.2°F (32-44°C): $\pm 0.2^\circ\text{F}$ ($\pm 0.1^\circ\text{C}$)

Measurement Time: <12s

