

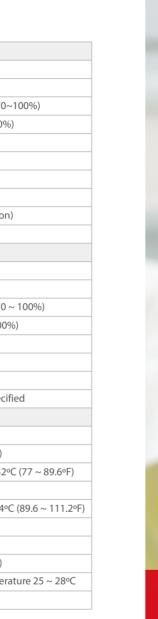
VS-600

Vital Signs Monitor

Technical Specifications

Safety	Meets the requirements of IEC 60601 series
Weight	< 1.7 kg (including Battery)
Operation Environm	ent
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 Specification	ns
Display	Dimension: 90 × 99 mm
Туре	Segment numeric digital display
Indicators	Power indicator
	Battery indicator
	Technical alert
Interface	Serial port for software upgrade and DIAP protoco
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 softwa
Pulse Rate Range	40 ~ 240 bpm
Accuracy	\pm 3 bpm or \pm 3 %, whichever is greater

Mindray SpO ₂	
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 SpO ₂	
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™ Thermo	meter
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 \sim 28°C
	without motion





Clear, Simple and Portable



mindray | washing and are registered trademarks or trademarks owned by Shenzhen Mindray Bio-medical Electronics Co., LTD.

© 2013 Shenzhen Mindray Bio-Medical Electronics Co., Ltd. All rights reserved. Specifications subject to changes without prior no P/N:ENG-V5600Brochure&Datasheet-210285x6P-20140303







^{Temp} 35.8 **†**



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