



VS-900

Vital Signs Monitor



To Purchase, Visit Avobus.com or call [1-800-674-3655](tel:1-800-674-3655)

mindray

Minimising clinical risks and maximising nursing efficiency are key priorities in the emergency department and on wards. From spot checking to continuous monitoring, the Mindray VS-900 is the smart choice for a wide range of hospitals settings, providing the advanced capability to calculate Early Warning Scores to help detect patient deterioration and aid in faster clinical decisions.



8.4" TFT touchscreen
Intuitive operation



360° view indicator of alarm
Easily identify alarms



8 hours running time
Rechargeable Li-ion battery



Lightweight and portable
Weighs less than 2.5kg



Fanless design
Reduces the risk of cross-contamination



Durable and robust casing
Validated for cleaning with 23 leading disinfectants

Maximise Nursing Efficiency

Move easily between patients using the VS-900 roll stand, equipped with many convenient features to make nursing practice much more efficient.



Accurate & Reliable Measurement

VS-900 provides flexible parameter configurations, enabling users to meet their facilities needs. High performance of monitoring technologies provide accurate, trusted measurements.

Blood Pressure

- Fast, accurate and motion tolerant NIBP
- Algorithm validated by British Hypertension Society (BHS)

Pulse Oximetry

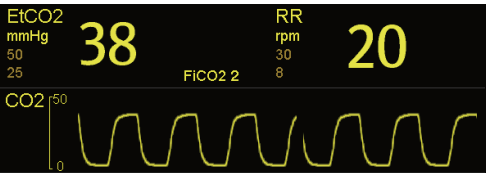
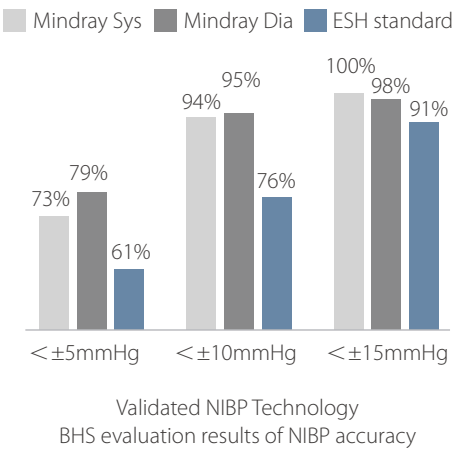
- Industry-leading SpO₂* technology
- Mindray SpO₂
 - Nellcor™ OxiMax™
 - Masimo SET®

Temperature

- Exergen TemporalScanner™
Gentle forehead scanner, paediatric and infant friendly.
No probe cover required.
- Covidien Genius™ 2 Tympanic Thermometer
Measurement in less than 2 seconds.
- Mindray SmarTemp™
Accurate, predictive temp technology. Provides oral, axillary or rectal measurement.

ARTEMA Sidestream CO₂

- Portable respiration monitoring for deterioration and recovery.
- Sampling rate of 50ml/min is appropriate to low tidal volume.



Patient Safety

The Mindray VS-900 provides a point-of-care Early Warning Score (EWS) calculator to help caregivers track and document signs of patient deterioration, aiding faster and more informed patient care decisions.

VS-900 provides typical EWS protocols, including

- MEWS (Modified Early Warning Score)
- NEWS (National Early Warning Score)
- NEWS2 (National Early Warning Score 2)
- Alternatively, create custom protocols to suit bespoke facility requirements

Default EWS protocols simplify scoring and support clinical decisions

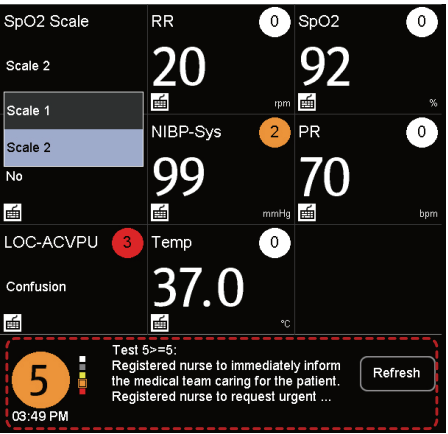
- Automated scoring for improved accuracy and efficiency:
- Vital signs parameters auto populate in score
 - Manual parameters added by caregiver
 - Aggregate score calculates

- Recommended on-screen clinical responses help to standardise caregivers responses
- Support proper response at point of care

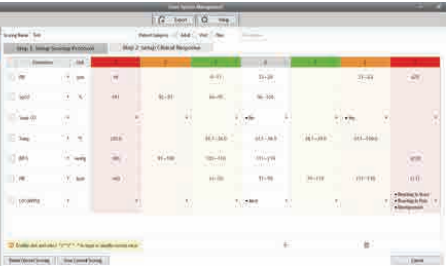
- Scoring review on VS-900
- Review multiple patients' score on one screen

Customise an EWS protocol for your facility

- Select up to 20 parameters to score
- Define the clinical responses
- Import the configuration into VS-900 via a USB stick



Scoring Review					
Name		All	Filter	NEWS	
	Time	Name	NEWS	RR	SpO2
?	2014-11-03 15:55:55	Ricky	8	30	92
?	2014-11-03 15:55:29	Ricky	8	30	92
?	2014-11-03 15:53:35	Ricky	4	25	94
?	2014-11-03 15:51:14	John	3	30	96



* Mindray provides 3 options of SpO₂ measurement, Mindray, Masimo and Nellcor. For further information about the availability of Masimo and Nellcor SpO₂, contact your Mindray Account Manager.

Workflow Efficiency

Improve patient care and streamline workflow by automating vital signs capture using built-in EWS tools. Caregivers are provided with confidence in the accuracy of data and have more time to spend with their patients.

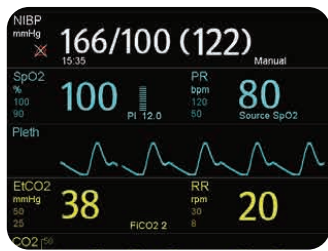
Spot check workflow



Prepare measurement
Get VS-900 and accessories on roll stand ready.



Scan barcode
Caregiver and patient identification.
Positive patient ID.



Take automated vitals
NIBP, SpO₂, Temp measurements.



Send data
Data is directly transmitted to the Electronic Patient Record (EPR).

Enter manual parameters
RR, pain score, blood sugar, height, weight, etc.



Score EWS
Use protocol to assess the vital signs.

Accessibility of continuous monitoring

- Reliable SpO₂, PR, CO₂ continuous monitoring and alarm
- NIBP automatic or customisable intervals, reduce workload
- Tabular & graphic trends review

Spot Check Trends		Continuous Trends		Graphic Trends			
MRN	*Unknown	Interval		30 s			
Time	SpO2	PR	NIBP	Temp	CO2(Et/Fi)	RR	
2016-04-07 21:02:00	100	80	-/-/-	37.6 21:02	38/2	20	
2016-04-07 21:01:30	100	80	-/-/-	37.6 21:01	38/2	20	
2016-04-07 21:01:00	100	80	-/-/-	37.6 21:01	38/2	20	
2016-04-07 21:00:30	100	80	-/-/-	37.6 21:00	38/2	20	
2016-04-07 21:00:00	100	80	-/-/-	37.6 21:00	38/2	20	
2016-04-07 20:59:30	100	80	166/100(122) 20:59	37.6 20:59	38/2	20	

Comprehensive Connectivity Solutions

The Mindray VS-900 helps enhance clinical workflow and efficiency with its flexible and robust connectivity capabilities. Having the VS-900 devices connected to the Central Monitoring Station (CMS) as well as interfaced with the hospital's electronic patient records (EPR), allows caregivers to access secure patient data anytime and anywhere in the hospital.

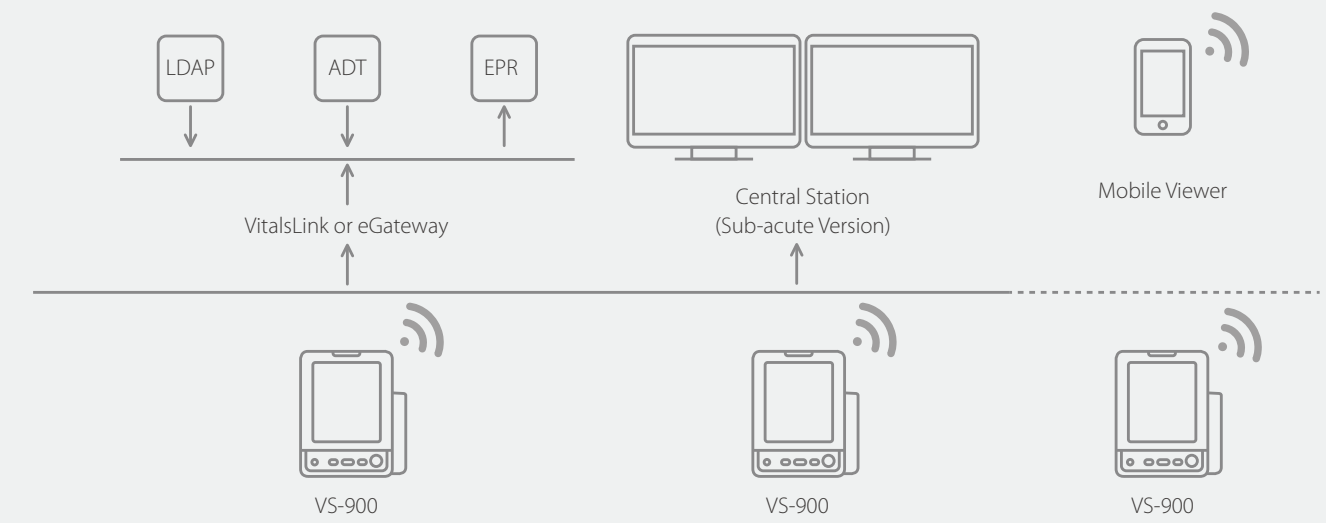
Connect with Cerner's CareAware VitalsLink™

- Direct connection to Cerner CareAware VitalsLink™
- Provides positive patient identification on screen
- Provides verified data from the VS-900 to the EPR

Connect to the Electronic Patient Records via Mindray eGateway

- VS-900 adapts to multiple popular EPR systems for data transmission via Mindray eGateway
- eGateway only needs simple connection setting

VS-900 devices can be easily connected to the CMS and Mobile Viewer, giving clinicians access to their patient data anytime and anywhere in the hospital.



Data security

- Meets the requirements of GDPR (General Data Protection Regulation). Patient privacy is always protected.
- Automatically deletes patient data after sending to the EPR or discharging a patient.



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