

VS-900


Vital Signs Monitor


Simplicity meets Flexibility





Minimizing clinical risks and maximizing 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 too, helping detect patient deterioration and aid in faster clinical decisions.





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8.4" TFT touch screen
Intuitive operation
- 

360° view indicator of alarm
Easily identify alarms
- 

8 hours running time
Rechargeable Li-ion battery
- 

Light 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 mobile rolling stand, equipped with many convenient features to make nursing practice much more efficient.

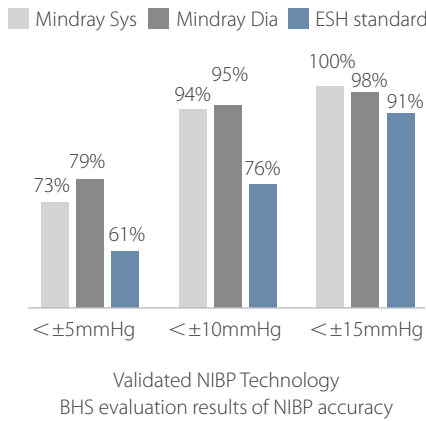


Accurate & Reliable Measurement

VS-900 provides flexible parameter configurations, enabling users to 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®

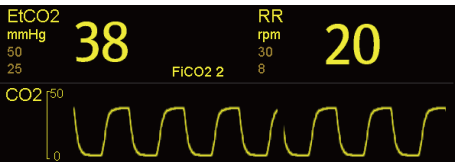
Temperature

- Exergen TemporalScanner™
Gentle forehead scan, pediatric and infant friendly.
Require no probe cover. Maximise payback by cost efficiency.
- Covidien Genius™ 2 Tympanic Thermometer
Quick measure 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.



* Mindray provides 3 options of SpO₂ measurement, Mindray, Masimo and Nellcor. For further information about the availability of Masimo and Nellcor SpO₂, please contact with your local sales representatives.

Patient Safety

The Mindray VS900 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

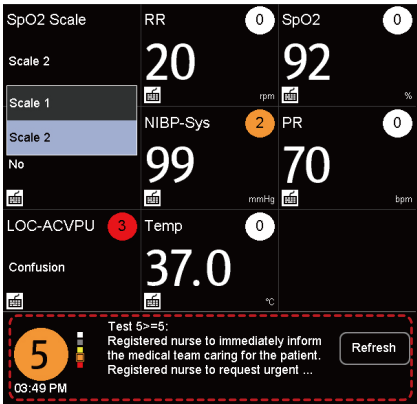
- Automated scoring for improved accuracy and efficiency:
- Vital signs parameters auto populate in score
 - Manual parameters added by caregiver
 - Aggregate score calculates

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

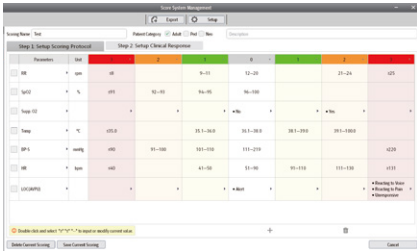
- Scoring review on VS-900
- Review multiple patients' score on one screen

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 USB stick



| Scoring Review | | | | | |
|--------------------------|---------------------|-------|--------|------|------|
| Name | | All | Filter | NEWS | |
| | Time | Name | NEWS | RR | SpO2 |
| <input type="checkbox"/> | 2014-11-03 15:55:55 | Ricky | 8 | 30 | 92 |
| <input type="checkbox"/> | 2014-11-03 15:55:29 | Ricky | 8 | 30 | 92 |
| <input type="checkbox"/> | 2014-11-03 15:53:35 | Ricky | 4 | 25 | 94 |
| <input type="checkbox"/> | 2014-11-03 15:51:14 | John | 3 | 30 | 96 |



Workflow Efficiency

Improve patient care and streamline workflow by automating vital signs capture, using built-in EWS tools and reducing transcription errors. Caregivers can have more confidence in their data, and have more time to spend with their patients.

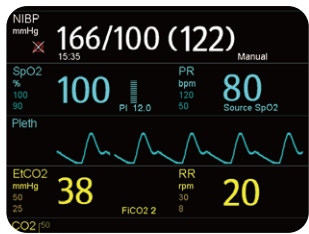
Spot check workflow



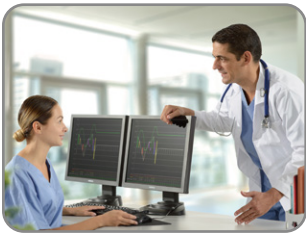
Prepare measurement
Get VS-900 and accessories on rolling stand ready.



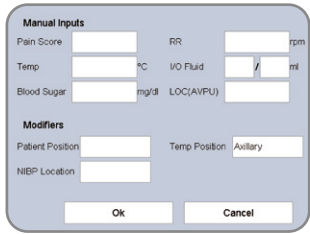
Scan barcode
Caregiver and patient identities.
Positive patient ID.



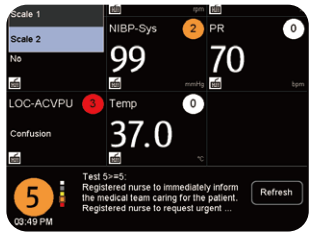
Take automated vitals
NIBP, SpO₂, Temp measurements.



Send data
Data directly transmitted to EMR.



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 customizable 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 VS900 helps enhance clinical work flow and efficiency with its flexible and robust connectivity capabilities. Having VS900 devices connected to the Central Monitoring Station (CMS), as well as interfaced with the hospital's electronic medical records (EMRs), allows caregivers to access to secure patient data anytime and anywhere in the hospital.

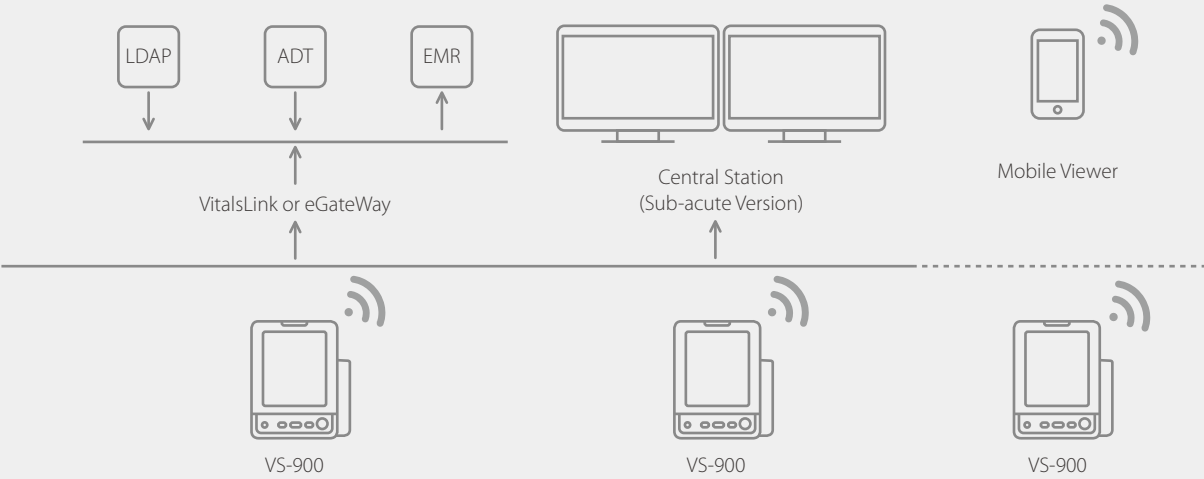
Connect with Cerner's CareAware VitalsLink™

- Direct connection with plug and play
- Support user, patient identify on VS-900
- Support data transmission from VS-900 to EMR

Connect with EMRs via Mindray eGateway

- VS-900 adapt to multiple popular EMR systems for data transmission via Mindray eGateway
- eGateway only need simple connection setting

Continuous monitoring data from 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 is fully use, any time, any where.



Data security

- Fully meet the requirements of the GDPR (General Data Protection Regulation) . Patient privacy is always protected.
- Automated deletion of patient data, after sending to EMR or discharging patient.

