



# About VS-900

# Market Positioning

- The new VS-600 and VS-900 are positioned as portable vital signs monitors
- Offers basic vital signs monitoring suitable for adults, children and neonatal patients. Allows to review the data storage, records and other functions



# Launch Time

VS-600 and VS-900

- May 15th, 2013

Infrared ear thermometer

- The second phase – Sept, 2013

# VS-600 & VS-900

## Portable Vital Signs Monitor



Large 8.4" display  
Bright and easy to read

Vertical touch screen

Flexible to show parameter and trend

Integrated recorder

For convenient documentation

Quick keys  
Easy to use

Inclination angle  
Easy to see

Easy to carry

Light and Handy

Concise design

No fan or external opening, user friendly

Lithium ion battery  
Working up to 10 hours

# VS-600 & VS-900

## Portable Vital Signs Monitor



VS-600	VS-900
Spot check only	Spot check and continuous monitoring
5.3" segment LEDs display	8.4" color screen(Touch screen optional)
<b>Connectivity function:\</b>	
	+Wireless or wired network, connect to CMS, via eGateway to EMR, Printer, Barcode scanner
<b>Parameter Configuration:</b> SpO2 (three options), NIBP, SmarTemp	
	+ Infrared ear temperature
<b>Installation Accessories:</b> Countertop Installation, Wall Mounting, GCX bracket	
	+Rail or pole mounting

Jim, Fesion      Adu      13:47:11  
ID: 50005210      Bed: 2-01      2012-12-27

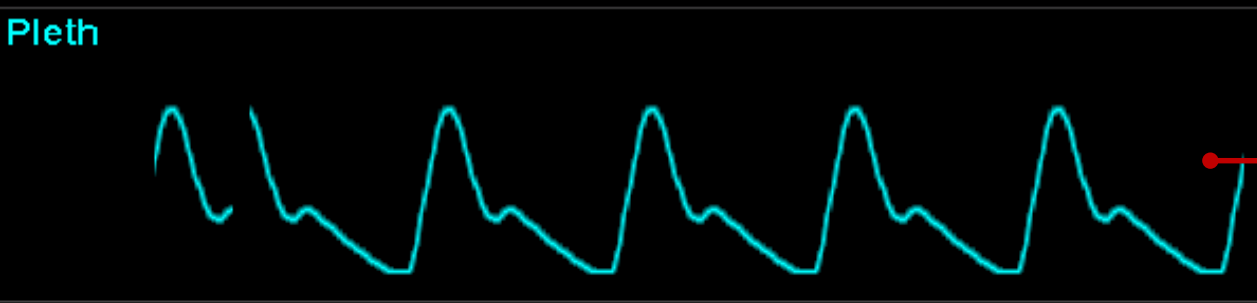
Alarm Pause 00:20

DEMO

NIBP mmHg  
160  
155  
**166/100 (122)**

13:46      Manual

SpO2 %      PR bpm  
**100**      **120**  
PI 12.0      Source SpO2



Temp °C      P      Oral  
**38.0**  
Temp Prediction Over

Main      NIBP Interv.      Patient List      Review      Save

Patient Information

System Status

Alarm Message

Parameters

Waveform

Quick keys



# Software Features and Highlights VS-900

- **MEWS(modified early warning score)**
  - Early warning for the potential severe patient
  - Take care of patient in need timely

Score	3	2	1	0	1	2	3
Systolic BP	<45%	30%	15% down	Normal for patient	15% up	30%	>45%
Heart rate (BPM)	—	<40	41-50	51-100	101-110	111-129	>130
Respiratory rate (RPM)	—	<9	—	9-14	15-20	21-29	>30
Temperature (°C)	—	<35	—	35.0-38.4	—	>38.5	—
AVPU	—	—	—	A	V	P	U

A score of five or more is statistically linked to increased likelihood of death or admission to an intensive care unit.

# Software Features and Highlights VS-900

- **NIBP----630F Module**
  - Supports manual, continuous measurement and automatic interval
  - Supports customized series measurements
  - Supports assisted venous pressure puncture
  - Supports intelligent inflator, improves the comfort of testing (applies also for VS-600)
- **SPO<sub>2</sub>---9008 Oximeter module**
  - Enhanced resistance to movement and low perfusion performance
- **Infrared ear thermometer**
  - Measurement speed (less than 2s)
  - The measurement data can be integrated into the monitor



# Parameter Configuration

Parameter	VS-900	Implementation
SPO2	Standard: Mindray SPO2 Optional: Masimo, Nellcor SPO2	via host
NIBP	Standard	via host
SmarTemp	Optional	via module
Infrared ear thermometer	Optional (not compatible with SmarTemp)	via module

# Functional Interface Configuration

Function		VS-900	Remark
Display	Display	8.4"LED screen	/
	Touch Screen	Optional	/
Network	Wired Network	Standard	1. Selected by the user, 2. Wifi is imbedded in the host
	Wireless Network	Optional	
Power Supply	AC	Standard	
	Battery	Standard: 2600mAh Optional: 4500mAh	
External Interface	USB Interface	Double USB	export data、 configuration transfer、 connection scanner
	Nurse Call	Optional	serial port can support connection of other devices , serial support DIAP agreement
	Extended SIO	Optional	
	RS-232 Serial Ports	/	only for the VS-600 upgrade, not open to the user
	Recorder	Optional	

## Installation accessories:

	VS-900	Remark
Countertops Installation	Standard	
Rolling stand	Optional	
Wall mounting	Optional	
GCX compatible bracket	Optional	Provides solutions for the customers on the GCX bracket
Rail or pole mounting	Optional	

## VS-900 Feature

- 8"LED Color Display, optional touch screen
- Screen has greater inclination angle, high visibility
- Small number of keys, commonly used keys are easy to identify, easy to operate
- Vertical screen display, displays parameter measurement and trend data
- Parameter configuration : new Infrared ear thermometer
- Waterproof level: IPX1
- No fan or external hole design
- Wireless wifi configuration, support through eGateway to the EMR
- Powerful software, very competitive

# Software features and highlights VS-900

## ● Powerful multi-patient management system

- Patient information management
  - Patient information on a variety of access methods, applicable to a variety of clinical environments  
Hospital ADT system, Patient list system  
Barcode scanner, be entered manually
- Patient data management
  - Support for multi-patient data management, combined management of patient data trend
  - Support 5000 trend records
  - Supports patient parameters and auxiliary information inputs
  - Supports manually saved measurement data
  - Supports the manual processing and confirmation function for trend data

# Software features and highlights VS-900

- The application of information technology

offers a variety of connection, possible to connect to the hospital EMR system :

- **e-Gateway** connection ;
- Connection to the embedded PDS **central station** ;
- Supports **DIAP protocol**, possible to connect to third-party devices through the serial port ;



# Software Features and Highlights VS-900

- **MEWS(modified early warning score)**
  - Early warning for the potential severe patient
  - Take care of patient in need timely
- Configuration setting by USB
- Easy spot check or continuous monitoring

Score	3	2	1	0	1	2	3
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# Software Features and Highlights VS-900

- **NIBP**

- Supports manual, continuous measurement and automatic interval
- Supports customized series measurements
- Supports assisted venous pressure puncture
- Supports intelligent inflator, improves the comfort of testing (applies also for VS-600)
- Supports the whole point of measurement

- **SPO<sub>2</sub>**

- Supports all the features of the 9008 module, enhanced resistance to movement and low perfusion performance

- **Infrared ear thermometer**

- Measurement speed (less than 2s)
- The measurement data can be integrated into the monitor