



Get more from vital signs monitoring with the Philips SureSigns VS4. Respond to changing patient conditions by having the versatility to choose between NBP interval mode and spot check mode in the same device. Simplify clinician workflow with an intuitive touch-screen interface and tools like QuickCapture and QuickCheck. Wireless capability and the proactive monitoring tool QuickAlert supports your hospital's Rapid Response team. The VS4 is simple to use and works easily with your existing network. It provides you with peace of mind and flexibility — all in a package that's as easy to love as it is to use.

## Features

- Touch screen – color LED backlit screen.
- Internal WiFi / 802.11 a/b/g option.
- Additional ease of use enhancements for your IT and network informatics teams and your caregivers.
- 2D bar-code scanner programmable for multiple ID fields.
- Time-sync with hospital or network clock.
- Improved battery management, including a clearly visible icon to show unit is plugged in and charging.
- Confirmation of exported records easily seen in green.
- Clearly identifiable one-touch NBP on/off button.
- Stores up to 800 patient records.



# Specifications

## Dimensions

Height: 8.6 in (22 cm)  
 Width: 10.2 in (26 cm)  
 Depth: 5.7 in (14.5 cm)  
 Weight: 6.9 lbs ( 3.1kg) - excluding optional recorder

## Screen

8.4" SVGA TFT-AM LCD display, 800 active pixels/line.  
 Resolution: 600 active lines per frame. Viewing angle  $\pm 60$  degrees

## NIBP

Oscillometric using stepwise deflation pressure – NBP interval choices  
 Adult Measurement Range: – Systolic: 30–270 mmHg (4.0–36.0 kPa) – Diastolic: 10 –245 mmHg (1.3–32.7 kPa) – MAP: 20–225 mmHg (2.7–34.0 kPa)  
 Pediatric Measurement Range: – Systolic: 30–180 mmHg (4.0–24.0 kPa) – Diastolic: 10–150 mmHg (1.3–20.0 kPa) – MAP: 20–160 mmHg (2.7–21.3 kPa)  
 Neonatal Measurement Range: – Systolic: 30–130 mmHg (4.0–17.0 kPa) – Diastolic: 10–100 mmHg (1.3–13.3 kPa) – MAP: 20–120 mmHg (2.7–16.0 kPa)  
 The NBP measurement has an accuracy over the ranges listed for the values: – Maximum Standard Deviation: 8 mmHg – Maximum Mean Error:  $\pm 5$  mmHg  
 Subsequent Cuff Inflation (in NBP Interval mode only): – The subsequent inflation pressure is determined automatically, depending on the previous measurement and patient type

## SpO2

Meets EN ISO 9919 standard  
 Measurement Range: 0–100%  
 Pulse Rate Measurement range: 30–300 pbm  
 Accuracy: Depends on Sensor

## Temperature Welch Allyn Predictive

Modes: Predictive and Monitored  
 Probe sites: Oral, Rectal or Axillary  
 Range: 26.7–43.3°C (80–110°F)  
 Accuracy:  $\pm 0.1^\circ\text{C}$  ( $\pm 0.2^\circ\text{F}$ ) in monitoring mode

## Temperature Covidien Tympanic

Tympanic Thermometer - an ear canal thermometer for neonates, newborns, children and adults  
 Probe sites: Oral, Rectal or Axillary  
 Equivalency modes: Ear (no adjustment), Oral (adjusted from ear), Core (adjusted from ear) and Rectal (adjusted from ear)  
 Range: 33°C–42.0°C (91.4°F–107.6°F)  
 Accuracy (overall range) :  $\pm 0.2^\circ\text{C}$  (36.7–38.9); Display resolution: 0.1°C or 0.1°F  
 Measurement response time:  $\leq 2$  seconds

## Battery

Lithium ion: 10.8–11.1V (with a “202” form factor)  
 Operating time: 4 hours with NBP every 15 minutes.

## Data Output

HL7 format, via Ethernet port  
 Serial data

