Taking vital signs to the next level — the SureSigns VS4.

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 support 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.

- Touch screen – color LED backlit screen.
- Internal WiFi / 802.11 a/b/g option.
- Tympanic Temperature option.
- Predictive Temperature option.
- QuickCheck:
  - Care giver authentication at the bedside.
  - Patient record validation at the bedside.
  - Patient record review before export to EHR.
- QuickCapture:
  - Customize up to 20 observations and assessments entries.
- QuickAlerts:
  - Supports Hospital Rapid Response Systems.
- 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.
- Uses same supplies as all Philips monitors.
Make the most of patient monitoring

Philips SpO₂ technology includes a FAST-based SpO₂ algorithm and is compatible with a wide variety of adult, pediatric and neonatal sensors.

- **AC power input** with power cord clip.
- **USB port** for easy software upgrades and data export.
- **Nurse call output.**
- **LAN/Serial data export** in HL7 format.
- **Lithium ion battery.**

### Product Specifications

<table>
<thead>
<tr>
<th>Width, Height, Depth</th>
<th>26 cm (10.2&quot;), H: 22 cm (8.6&quot;), D: 14.5 cm (5.7&quot;)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>3.1 kg (6.9 lb) – excluding optional recorder</td>
</tr>
<tr>
<td>Screen</td>
<td>8.4&quot; SVGA TFT-AM LCD display, 800 active pixels/line. Resolution: 600 active lines per frame. Viewing angle ±60 degrees</td>
</tr>
</tbody>
</table>

**NBP**
- 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: ±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 bpm
- 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: ±0.1°C (±0.2°F) in monitoring mode

**Temperature Covidien Tympanic**
- Modes: Predictive and Monitored
- 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): ±0.2°C (36.7–38.9); Display resolution: 0.1°C or 0.1°F
- Measurement response time: ≤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

**Patient Type**
- Adult, Pediatric, Neonatal

### Also Available

<table>
<thead>
<tr>
<th>To Order</th>
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<tbody>
<tr>
<td>SureSigns Premium Rollstand</td>
</tr>
<tr>
<td>SureSigns Standard Rollstand</td>
</tr>
<tr>
<td>SureSigns Value Rollstand</td>
</tr>
<tr>
<td>Wall Mount</td>
</tr>
<tr>
<td>2D Bar Code Reader and Mount</td>
</tr>
<tr>
<td>SureSigns HS-12D Barcode Kit</td>
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<tr>
<td>Serial Interface Adapter</td>
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</tbody>
</table>

### Ordering Information

<table>
<thead>
<tr>
<th>To Order</th>
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</thead>
<tbody>
<tr>
<td>NBP, SpO₂</td>
</tr>
<tr>
<td>Predictive Temperature</td>
</tr>
<tr>
<td>Tympanic Temperature</td>
</tr>
<tr>
<td>Recorder</td>
</tr>
<tr>
<td>Internal wireless</td>
</tr>
<tr>
<td>SPO₂ &amp; NBP (Accessories included)</td>
</tr>
</tbody>
</table>

### Standard Accessories

<table>
<thead>
<tr>
<th>To Order</th>
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<tbody>
<tr>
<td>Adult NBP Cuff</td>
</tr>
<tr>
<td>NBP Interconnect Tubing</td>
</tr>
<tr>
<td>Reusable Clip SpO₂ Sensor &gt;40 kg (3M)</td>
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<tr>
<td>Oral/Axillary Temperature Probe Kit</td>
</tr>
<tr>
<td>Temperature Probe Covers (One Box)</td>
</tr>
<tr>
<td>Genius 2 Tympanic Temperature Probe covers (CE mark)</td>
</tr>
<tr>
<td>Genius 2 Tympanic Temperature Probe covers (no CE mark)</td>
</tr>
<tr>
<td>Reusable Clip SpO₂ Sensor &gt;40 kg (2M)</td>
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</table>


Please visit www.philips.com/suresigns for more information.