Quick, easy, accurate vital signs at an affordable price.
Welch Allyn Spot Vital Signs®
Quick, Easy to Use and Affordably Priced.

Welch Allyn Spot Vital Signs has made its mark in ambulatory and acute care settings for its accuracy, durability and cost-effectiveness. Now with updated features, the fully automated, multiparameter Spot Vital Signs has become the device of choice for frontline caregivers world-wide.

Check vital signs rapidly, automatically—and affordably—with the new Spot Vital Signs

Hospital-grade equipment now offers enhanced clinical performance and quality.

> Fast and accurate—completes BP, pulse rate, temperature, and SpO₂ in approximately 30 seconds
> Multiparameter and modular so you can select precisely the vital signs you need
> Optional Masimo® or Nellcor® pulse oximetry
> Optional SureTemp® thermometry
> IR connectivity to interface with computerized patient records*

*Contact your local sales representative at 1.800.535.6663 or visit www.welchallyn.com.

Hospital-grade equipment now offers enhanced clinical performance and quality.

> Portable—carry it, wheel it, or mount it
> Big, bright, easy-to-read LCD screen
> Offers you one of the lowest priced multiparameter instruments on the market
> Fully upgradeable to meet your changing needs
> Integrated long-life battery enhances portability and continuous operation

Connect to patient records
IR connectivity to interface with electronic patient records

Fast and accurate readings
Increase productivity in high-volume, fast-paced settings

Easy to learn and simple to use
Intuitive design and training materials provide concise, easy training for your staff
Choose optional pulse oximetry technologies from Masimo® or Nellcor®.

Blood Pressure
Noninvasive blood pressure using the oscillometric method. Pulse rate and Mean Arterial Pressure included.

Temperature
SureTemp® thermometry gives you the versatility to obtain oral, axillary and rectal temperatures with the speed you want and accuracy you demand:
- Oral—approx. 4 seconds
- Axillary—approx. 10 seconds
- Rectal—approx. 15 seconds

Pulse Oximetry
Spot Vital Signs can be configured with the latest pulse oximetry technology from either Masimo or Nellcor for accurate SpO₂ and pulse rate readings.

IR Connectivity
Data can be transferred from the device into patients’ medical records via the IR connection.

Affordable, multiparameter functionality to meet your vital signs needs

Spot Vital Signs
Base Unit

Optional Features:

Masimo® or Nellcor®
SPECIFICATIONS

Noninvasive Blood Pressure (NIBP)

<table>
<thead>
<tr>
<th>Cuff Pressure Range</th>
<th>0 to 300 mmHg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Initial Cuff Inflation</td>
<td>160 mmHg (adjustable)</td>
</tr>
<tr>
<td>Systolic Range</td>
<td>60 to 250 mmHg</td>
</tr>
<tr>
<td>Diastolic Range</td>
<td>30 to 160 mmHg</td>
</tr>
<tr>
<td>Mean Arterial Pressure Range</td>
<td>40 to 190 mmHg</td>
</tr>
</tbody>
</table>

Blood Pressure Accuracy: Blood pressure meets or exceeds SP10:1992 AAMI standards

Overpressure Cutoff: 315 mmHg ± 15 mmHg

Pulse Rate Range (using BP determination): 40 to 200 bpm

Pulse Rate Accuracy (using BP determination): ± 5%

Temperature

Measurement Range: 86 °F to 109.4 °F (30 °C to 43 °C)

Calibration Accuracy: ± 0.2 °F (± 0.1 °C) (Monitor Mode)

Determination Time:
- Oral—Approximately 4 seconds
- Axillary—Approximately 10 seconds
- Rectal—Approximately 15 seconds

Probe:
- Oral/Axillary—Blue cap
- Rectal—Red cap

SpO₂

Performance: 70% to 100%

Measurement Range: 25 to 240 bpm

SpO₂ Accuracy
- Masimo: ± 2 digits
- Nellcor: ± 3 digits

Pulse Rate Accuracy
- Masimo: ± 3 digits
- Nellcor: ± 3 digits

Mechanical

Dimensions:
- Height: 9.7 in (24.6 cm)
- Length: 5.7 in (14.5 cm)
- Depth: 4.7 in (12.0 cm)

Weight: Approximately 4.6 lbs (2.1 kg)

Electrical

AC Power Supply: 7.2 V DC at 1.0 A

Rechargeable sealed lead acid internal battery

Battery Recharge Time: 90% to 100% after 12 hours

Simultaneously operates device and charges battery when AC power adapter is plugged in

Operating Time: A fully charged battery supports 150 typical blood pressure determinations at 7-minute intervals

Environmental

Operating Temperature: 50 °F to 104 °F (10 °C to 40 °C)

Operating Relative Humidity: 15% to 90% (noncondensing)

Operating Altitude: -557 ft to +16,000 ft (-170 m to +4,877 m)

Storage Temperature: -4 °F to 122 °F (-20 °C to 50 °C)

Storage Humidity: 15% to 90% (noncondensing)

EMC Standard: IEC/EN 60601-1-2

Warranty

Two-year warranty on parts and labor

Ordering Information

<table>
<thead>
<tr>
<th>Order Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4200B</td>
<td>Spot Vital Signs—BP only (includes Pulse Rate and MAP)</td>
</tr>
<tr>
<td>420TB</td>
<td>Spot Vital Signs—BP, Temperature</td>
</tr>
<tr>
<td>42M0B</td>
<td>Spot Vital Signs—BP, Masimo Pulse Oximetry</td>
</tr>
<tr>
<td>42N0B</td>
<td>Spot Vital Signs—BP, Nellcor Pulse Oximetry</td>
</tr>
<tr>
<td>42MTB</td>
<td>Spot Vital Signs—BP, Masimo Pulse Oximetry, Temperature</td>
</tr>
<tr>
<td>42NTB</td>
<td>Spot Vital Signs—BP, Nellcor Pulse Oximetry, Temperature</td>
</tr>
<tr>
<td>4200-60</td>
<td>Mobile Stand</td>
</tr>
<tr>
<td>4200-62</td>
<td>Wall Mount</td>
</tr>
<tr>
<td>4200-64</td>
<td>IV Pole Mount</td>
</tr>
<tr>
<td>4200-170</td>
<td>Connectivity Accessory Kit with PC IR Adaptor</td>
</tr>
</tbody>
</table>

Note: For all models above, use a letter suffix to designate language and a number to designate voltage (e.g., 42M0B-E1).

Languages: E=English, F=French, G=German, I=Italian, S=Spanish, P=Portuguese, C=Chinese

Voltages: 1=North America, 2=Europe, 4=UK, 6=Australia

Only Masimo SET SpO₂ sensors, including LNOP durable adhesive and NR value disposable sensors should be used with Masimo pulse oximetry. Masimo, Masimo SET, LNOP, and NR are registered trademarks of Masimo Corporation.

Only Nellcor OxiMax® pulse oximetry sensors should be used with the Nellcor pulse oximetry option. Nellcor and OxiMax are registered trademarks of Nellcor Puritan Bennett, Inc.