



The **Welch Allyn Spot Vital Signs LXI** offers more options and parameters than most other spot-check devices on the market, so you can customize it to meet your specific needs. Take vitals faster, easier and reliably with industry-leading parameters that allow you to take vital signs in about half the time as other spot-check devices, improving your workflow and patient satisfaction. Ships standard with one Adult and one Large Adult Cuff.

Features

- Choice of SureTemp® Plus or Braun ThermoScan® PRO 4000 Ear Thermometer.
- SureBP® technology measures blood pressure in about 15 secs as the cuff inflates.
- Choice of Masimo® or Nellcor® pulse oximetry.
- Connects to select Health o meter® or Tanita® digital scales.
- Manually enter weight, height, respiration rate, and pain level; calculates BMI.
- 50-reading memory allows previous data retrieval for review, print or download.
- Error messages give you descriptions and real solutions—not just error codes.
- Connects to leading EMRs for automatic vitals capture and documentation.



Specifications

Mechanical Dimensions

Height: 27 cm
Length/PRO 4000: 20.32 cm
Length/SureTemp Plus: 19 cm
Depth: 13.34 cm
Weight: 3.4 kg

Electrical

AC power supply: 8V DC at 0.75 A
 Rechargeable sealed lead acid internal battery
Battery recharge time: 90% to 100% after 6 hours; 1 additional hour for PRO 4000;
 4 additional hours for external printer
 Simultaneously operates device and charges battery when AC power adapter is plugged in

Environmental

Operating Temperature (Device): 10° C to 40° C
Operating Relative Humidity: 15% to 95% (non-condensing)
Operating Altitude: -170 m to +4,877 m
Storage Temperature: Device with SureTemp Plus: -25° C to 55° C; Device with PRO 4000: -20° C to 50° C
Storage Humidity: 15% to 95% (non-condensing)
EMC Standard: IEC/EN 60601-1-2:2001

Non-invasive Blood Pressure (NIBP)

Cuff Pressure Range: 0 to 300 mmHg (0 to 40.0 kPa)
Systolic Range: 60 to 250 mmHg (8.0 to 33.3 kPa)
Diastolic Range: 30 to 160 mmHg (4.0 to 21.3 kPa)
Mean Arterial Pressure Range: 40 to 190 mmHg (5.3 to 25.3 kPa)
Blood Pressure Accuracy: Meets or exceeds AAMI SP10:2002
Overpressure Cutoff: 315 mmHg \pm 15 mmHg (42.0 kPa \pm 1.9 kPa)
Blood Pressure Determination Time: Typical 15 seconds
Pulse Rate Range: 35 to 199 bpm
Pulse Rate Accuracy: \pm 5.0%

