

BAXTER HILLROM WELCH ALLYN SPOT VITAL SIGNS 4400

ABOUT

The **Welch Allyn Spot Vital Signs 4400** Device offers an easy-to-use, all-in-one touchscreen solution for monitoring patient vital signs. Now, you can conveniently access a complete set of vitals, such as temperature, blood pressure, pulse rate, and SpO2, directly from the main screen.

FEATURES

SureBP technology is capable of measuring blood pressure within a mere 15-second timeframe.

The utilization of BP averaging aids in guaranteeing precise detection of hypertension.

SureTemp Plus offers oral/axillary thermometry, while the option for Nonin SpO2 technology is also available.

The device features a 7-inch color touchscreen, which contributes to a streamlined workflow.

Options for documenting patient observations such as respiration rate and BMI.

EMR connectivity is included to assist your care team in avoiding documentation errors.

The device comes equipped with one adult blood pressure cuff.



SPECIFICATIONS

DIMENSIONS

Height: 10.1 in (25.7 cm)

Width: 9.3 in (23.6 cm)

Depth: 4.9 in (12.4 cm)

Weight: 3.8 lbs (7.5 kg)

GRAPHICAL DISPLAY

Active Area (W x H) 6.1 in x 3.4 in (154.08 mm x 85.92 mm)

Resolution 800 x 480 pixels

ENVIRONMENTAL

Operating Temperature 50°F – 104°F (10°C – 40°C)
50°F – 104°F (10°C – 40°C)

Storage/Transport Temperature -4°F – 122°F (-20°C – 50°C)
-4°F – 122°F (-20°C – 50°C)

Operating Altitude-1250 ft – 10,000 ft (-381 m – 3,048 m)
-1250 ft – 10,000 ft (-381 m – 3,048 m)

Operating Humidity 15% – 90% Noncondensing
15% – 90% Noncondensing

Storage/Transport Humidity 15% – 95%
Noncondensing 15% – 95% Noncondensing

NON INVASIVE BLOOD PRESSURE

Cuff Pressure Range: Meets or Exceeds IEC/ISO 80601-2-30 Standard for Cuff Pressure Range

Systolic Range: Adult: 30 – 260 mmHg (StepBP, SureBP) Pediatric: 30 – 260 mmHg (StepBP, SureBP)

Diastolic Range: Adult: 20 – 220 mmHg (StepBP, SureBP) Pediatric: 20 – 220 mmHg (StepBP, SureBP)

Cuff Inflation Target: Adult: 160 mmHg (StepBP) Pediatric: 140 mmHg (StepBP)

Maximum Target Pressure Adult: 280 mmHg (StepBP, SureBP) Pediatric: 280 mmHg (StepBP, SureBP)

Blood Pressure Determination Time: Typical: 15 seconds* Maximum: 150 seconds

Blood Pressure Accuracy: Meets or Exceeds ISO 81060-2:2013 Standards for NIBP (± 5 mmHg mean error, 8 mmHg standard deviation)

Mean Arterial Pressure (MAP) Range: Adult: 23 – 230 mmHg (StepBP, SureBP) Pediatric: 23 – 230 mmHg (StepBP, SureBP)

Pulse Rate Range (Using Blood Pressure Determination): Adult: 30 – 200 bpm (StepBP, SureBP) Pediatric: 30 – 200 bpm (StepBP, SureBP)

Pulse Rate Accuracy (Using Blood Pressure Determination): $\pm 5.0\%$ (± 3 bpm)

Overpressure Cutoff: Adult: 300 mmHg ± 15 mmHg
Pediatric: 300 mmHg ± 15 mmHg

SURETEMP PLUS TEMPERATURE MODULE

Temperature Range (All Measurement Sites) 80°F – 110°F (26.7°C – 43.3°C)