

# Baxter

## Welch Allyn

### Spot Vital Signs

MONITOR

#### TECHNICAL SPECIFICATIONS

|                            |                                                         |
|----------------------------|---------------------------------------------------------|
| Electrical Rating          | 100 – 240 V AC, 50 – 60 Hz, 0.8A – 0.5 A                |
| Height x Width x Depth     | 10.1 in (25.7 cm) x 9.3 in (23.6 cm) x 4.9 in (12.4 cm) |
| Weight (Including Battery) | 3.8 lbs (1.7 kg)                                        |
| 2 Cell Battery Usage       | Up to 8 hours of operation                              |

#### GRAPHICAL DISPLAY SPECIFICATIONS

|                     |                                        |
|---------------------|----------------------------------------|
| 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 SPECIFICATIONS

|                               |                                         |
|-------------------------------|-----------------------------------------|
| Operating Temperature         | 50°F – 104°F (10°C – 40°C)              |
| Storage/Transport Temperature | -4°F – 122°F (-20°C – 50°C)             |
| Operating Altitude            | -1250 ft – 10,000 ft (-381 m – 3,048 m) |
| Operating Humidity            | 15% – 90% Noncondensing                 |
| Storage/Transport Humidity    | 15% – 95% Noncondensing                 |

#### MOUNTING OPTIONS

|               |                                                                                                                |
|---------------|----------------------------------------------------------------------------------------------------------------|
| 4400-DST      | Desktop Stand (Portable Stand with Cuff and Cord Management)                                                   |
| 4400-MBS      | Mobile Stand (Portable Stand with Cuff and Cord Management)                                                    |
| 777-PM2WCX-US | Wall Mount System with <b>Welch Allyn Green Series 777</b>                                                     |
| 777-PM3WCX-US | Wall Mount System with <b>Welch Allyn Green Series 777</b> and <b>Welch Allyn PanOptic</b> Plus Ophthalmoscope |

#### CONFIGURATION OPTIONS

|            |                                         |
|------------|-----------------------------------------|
| 44WT Model | Nonin SpO <sub>2</sub> , SureTemp, NIBP |
| 44XT Model | SureTemp, NIBP                          |



## NON-INVASIVE BLOOD PRESSURE (NIBP) SPECIFICATIONS

|                                                                 |                                                                                                               |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Cuff Pressure Range</b>                                      | Meets or Exceeds IEC/ISO 80601-2-30 Standard for Cuff Pressure Range                                          |
| <b>Systolic Range</b>                                           | Adult: 30 – 260 mmHg (StepBP, <b>SureBP</b> )<br>Pediatric: 30 – 260 mmHg (StepBP, <b>SureBP</b> )            |
| <b>Diastolic Range</b>                                          | Adult: 20 – 220 mmHg (StepBP, <b>SureBP</b> )<br>Pediatric: 20 – 220 mmHg (StepBP, <b>SureBP</b> )            |
| <b>Cuff Inflation Target</b>                                    | Adult: 160 mmHg (StepBP)<br>Pediatric: 140 mmHg (StepBP)                                                      |
| <b>Maximum Target Pressure</b>                                  | Adult: 280 mmHg (StepBP, <b>SureBP</b> )<br>Pediatric: 280 mmHg (StepBP, <b>SureBP</b> )                      |
| <b>Blood Pressure Determination Time</b>                        | Typical: 15 seconds*<br>Maximum: 150 seconds                                                                  |
| <b>Blood Pressure Accuracy</b>                                  | Meets or Exceeds ISO 81060-2:2013 Standards for NIBP<br>( $\pm 5$ mmHg mean error, 8 mmHg standard deviation) |
| <b>Mean Arterial Pressure (MAP) Range**</b>                     | Adult: 23 – 230 mmHg (StepBP, <b>SureBP</b> )<br>Pediatric: 23 – 230 mmHg (StepBP, <b>SureBP</b> )            |
| <b>Pulse Rate Range (Using Blood Pressure Determination)</b>    | Adult: 30 – 200 bpm (StepBP, <b>SureBP</b> )<br>Pediatric: 30 – 200 bpm (StepBP, <b>SureBP</b> )              |
| <b>Pulse Rate Accuracy (Using Blood Pressure Determination)</b> | $\pm 5.0\%$ ( $\pm 3$ bpm)                                                                                    |
| <b>Overpressure Cutoff</b>                                      | Adult: 300 mmHg $\pm 15$ mmHg<br>Pediatric: 300 mmHg $\pm 15$ mmHg                                            |

## SURETEMP PLUS TEMPERATURE MODULE SPECIFICATIONS

|                                                |                                                                            |                                                                         |                                                            |
|------------------------------------------------|----------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------|
| Temperature Range (All Measurement Sites)      | 80°F – 110°F (26.7°C – 43.3°C)                                             |                                                                         |                                                            |
| SpO <sub>2</sub> Specifications                |                                                                            |                                                                         |                                                            |
| SpO <sub>2</sub> Performance Measurement Range | 1% - 100%                                                                  |                                                                         |                                                            |
| Pulse Rate                                     | 18 – 300 bpm: ± 3 digits; Low perfusion (40 – 240 bpm): ± 3 digits         |                                                                         |                                                            |
| Saturation***                                  | 70 - 100%                                                                  |                                                                         |                                                            |
| Saturation Variance***                         | Adult/Pediatrics, No Motion<br>Finger Clip: ± 2 digits<br>Flex: ± 3 digits | Adult/Pediatrics, Motion<br>Finger Clip: ± 2 digits<br>Flex: ± 3 digits | Adult/Pediatrics, Low Perfusion<br>All Sensors: ± 2 digits |

Contact your Baxter Sales Representative or visit [hillrom.com/Spot4400](http://hillrom.com/Spot4400) to learn more.

### Baxter.com

Baxter International Inc.

\*Tested on a BP simulator.

\*\*The formula used to calculate MAP yields an approximate value.

\*\*\*Saturation accuracy varied by sensor type.

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