

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 Welch Allyn Green Series 777
777-PM3WCX-US	Wall Mount System with Welch Allyn Green Series 777 and Welch Allyn PanOptic Plus Ophthalmoscope

CONFIGURATION OPTIONS

44WT Model	Nonin SpO ₂ , SureTemp, NIBP
44XT Model	SureTemp, NIBP



NON-INVASIVE BLOOD PRESSURE (NIBP) SPECIFICATIONS

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)	± 5.0% (± 3 bpm)
Overpressure Cutoff	Adult: 300 mmHg ± 15 mmHg Pediatric: 300 mmHg ± 15 mmHg

SURETEMP PLUS TEMPERATURE MODULE SPECIFICATIONS

Temperature Range (All Measurement Sites)	80°F – 110°F (26.7°C – 43.3°C)		
SpO ₂ Specifications			
SpO ₂ 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 Finger Clip: ± 2 digits Flex: ± 3 digits	Adult/Pediatrics, Motion Finger Clip: ± 2 digits Flex: ± 3 digits	Adult/Pediatrics, Low Perfusion All Sensors: ± 2 digits

Contact your Baxter Sales Representative or visit hillrom.com/Spot4400 to learn more.

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*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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