



Welch Allyn Connex Spot Monitor

PRODUCT FEATURES

- Simple color touchscreen interface
- Spot check and timed intervals monitoring
- For use on adult, pediatric and neonatal patients
- Fast, comfortable blood pressure with **SureBP** technology
- Oral/axillary or tympanic thermometry options to meet patient and care setting requirements
- Option of Masimo, Nellcor or Nonin SpO₂
- Optional clinician sign-on screen restricts access to protected health information
- Single sign-on options available for quick, secure clinician login
- Up to 20 custom modifiers for more complete patient documentation
- Customizable Early Warning Scoring (e.g., MEWS, PEWS) to enable clinical decision support at the bedside
- Wireless EMR connectivity



COMMON CONFIGURATIONS AND ACCESSORIES

71WT-B	SureBP NIBP, SureTemp Plus Thermometry and Nonin SpO ₂
73WT-B	SureBP NIBP, SureTemp Plus Thermometry, Nonin SpO ₂ and Bluetooth® wireless
74CT-B	SureBP NIBP, SureTemp Plus Thermometry and Nellcor SpO ₂ ; Add Wi-Fi® technology: 75CT-B
74MT-B	SureBP NIBP, SureTemp Plus Thermometry and Masimo SpO ₂ ; Add Wi-Fi technology: 75MT-B

ACCESSORIES

7000-MS3	SureBP NIBP, SureTemp Plus Thermometry and Nonin SpO ₂	777-PM3WCX-US	Integrated Diagnostic Wall Board
7000-GCX	SureBP NIBP, SureTemp Plus Thermometry, Nonin SpO ₂ and Bluetooth wireless	7000-916HS	JADAK Barcode Scanner
7000-MWS	SureBP NIBP, SureTemp Plus Thermometry and Nellcor SpO ₂ ; Add Wi-Fi®: 75CT-B	7000-916HSR	JADAK Barcode/High Frequency RFID Scanner
7000-APM	SureBP NIBP, SureTemp Plus Thermometry and Masimo SpO ₂ ; Add Wi-Fi: 75MT-B	7000-916HS1RS	JADAK Barcode/Dual Frequency RFID Scanner
7000-DST	Desktop Stand	7000-CS6080	Zebra Barcode Scanner

TEMPERATURE SPECIFICATIONS

Measurement Range	SureTemp Plus: 80 - 110°F (26.7 – 43.3°C) Braun: 68 - 108°F (20 – 42.2°C)
Calibration Accuracy	SureTemp Plus: ±0.2°F (±0.1°C) Braun: ±0.4°F (±0.2°C) for temps up to 107.6°F (42°C); ±0.5°F (±0.25°C) for temps higher than 107.6°F (42°C)
Determination Time	Oral: Approximately 4-6 seconds Adult Axillary (18 years and older): Approximately 15 seconds Pediatric Axillary (17 years and younger): Approximately 10 seconds Rectal: Approximately 10 seconds Tympanic: Approximately 3 seconds



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NON-INVASIVE BLOOD PRESSURE (NIBP) SPECIFICATIONS

Cuff Inflation Target	Adult: 160 mmHg Pediatric: 140 mmHg Neonate: 90 mmHg
Systolic Range	Adult/Pediatric: 30 – 260 mmHg Neonate: 20 – 120 mmHg
Diastolic Range	Adult/Pediatric: 20 – 220 mmHg Neonate: 10 – 110 mmHg
MAP Range	Adult/Pediatric: 23 – 230 mmHg Neonate: 13 – 110 mmHg
Blood Pressure Accuracy	Meets the ANSI/AAMI SP10:2002 and ISO/ANSI/AAMI 81060-2:2013 standards for noninvasive blood pressure accuracy (± 5 mmHg mean error, 8 mmHg SD)
Blood Pressure Determination Time	20 seconds typical, 150 seconds max
Overpressure Cutoff	Adult/Pediatric: 300 mmHg $\pm$ 15 mmHg Neonate: 150 mmHg maximum
Pulse Rate Range	Adult/Pediatric: 30 – 200 bpm Neonate: 35 – 220 bpm
Pulse Rate Accuracy	$\pm 5.0\%$ (± 3 bpm)

SpO₂ SPECIFICATIONS

Measurement Range	1 – 100%
Pulse Rate Range	Masimo: 25 – 240 bpm Nellcor: 25 – 240 bpm Nonin: 40 – 240 bpm
SpO ₂ Accuracy	Masimo: ± 2 digits Nellcor: ± 3 digits Nonin: ± 3 digits
Pulse Rate Accuracy	Masimo: ± 3 digits Nellcor: ± 3 digits Nonin: ± 3 digits

ELECTRICAL SPECIFICATIONS

AC Power Supply	15V at 2.33A
Operating Time (Integrated 2-Cell Battery)	Up to 12 hours with fully charged battery (6 patients per device, vitals every 4 hours with NIBP, SpO ₂ , temp, Wi-Fi® technology and barcode scan)
Battery Recharge Time	4 hours
Operating Time (APM with 9-Cell Battery)	Up to 17 hours

MECHANICAL SPECIFICATIONS

Dimensions	Height: 6.3 in (16.1 cm) Width: 9.2 in (23.4 cm) Depth: 2.3 in (5.8 cm)
Weight	2.9 lbs (1.3 kg)

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	50 – 104°F (10 – 40°C)
Storage Temperature	-4 – 122°F (-20 – 50°C)
Operating Altitude	-1250 – 10,000 ft. (-381 – 3,048 m)
Operating Humidity	15% to 90% noncondensing
Storage Humidity	15% to 95% noncondensing
EMC Standard	IEC/EN 60601-1-2

Rx Only. For safe and proper use of the product mentioned herein, please refer to the appropriate Operator's Manual or Instructions for Use.

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

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