



The **Welch Allyn Connex Spot Monitor** is a vital signs monitor with a color touchscreen display. The Connex Spot Monitor measures blood pressure, SpO2, respiration rate, and temperature. This patient monitor has options for wifi, ethernet, and bluetooth technology to connect to EMR systems. It has multiple mounting options that include being mounted on a rolling stand or the wall. Works with adult, pediatric, and neonatal BP cuffs.

Features

- Large color touchscreen display.
- Supports comprehensive bedside monitoring with early warning score (EWS) and interval monitoring.
- Able to integrate into your current EMR with options for WIFI, Ethernet and Bluetooth.
- Multiple mounting options that include rolling stands and wall mounts.



Specifications

Dimensions

Height: 6.3" (16.1 cm)

Width: 9.2" (23.4 cm)

Depth: 2.3" (5.8 cm)

Weight: 2.9 lbs (1.3 kg)

NIBP

Cuff Inflation Target: Adult: 160 mmHg; Pediatric: 140 mmHg; Neonate: 90 mmHg

Systolic Range: Adult/Pediatric: 30 to 260 mmHg; Neonate: 20 to 120 mmHg

Diastolic Range: Adult/Pediatric: 20 to 220 mmHg; Neonate: 10 to 110 mmHg

MAP Range: Adult/Pediatric: 23 to 230 mmHg; Neonate: 13 to 110 mmHg

Blood Pressure Accuracy: ± 5 mmHg mean error, 8 mmHg SD

BP Determination Time: 15 seconds typical; 150 seconds max

Overpressure Cutoff: Adult/Pediatric: 300 mmHg ± 15 mmHg; Neonate: 150 mmHg maximum

Pulse Rate Range: Adult/Pediatric: 30 to 200 bpm; Neonate: 35 to 220 bpm

Pulse Rate Accuracy: $\pm 5.0\%$ (± 3 bpm)

Temperature

Measurement Range: SureTemp Plus: 80 to 110°F (26.7 to 43.3°C); Braun: 68 to 108°F (20 to 42.2°C)

Calibration Accuracy: SureTemp Plus: $\pm 0.2^\circ\text{F}$ ($\pm 0.1^\circ\text{C}$); Braun: $\pm 0.4^\circ\text{F}$ (for temps up to 107.6°F), $\pm 0.5^\circ\text{F}$ (for temps higher than 107.6°F)

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

SpO2

Measurement Range: 1 to 100%

Pulse Rate Range: Masimo: 25 to 240 bpm; Nellcor: 25 to 240 bpm; Nonin: 40 to 240 bpm

SpO2 Accuracy: Masimo: ± 2 digits; Nellcor: ± 3 digits; Nonin: ± 3 digits

Pulse Rate Accuracy: Masimo: ± 3 digits; Nellcor: ± 3 digits; Nonin: ± 3 digits

Electrical

AC Power Supply: 15V at 2.33A

Operating Time (Integrated 2-Cell Battery): Up to 12 hours with fully charged battery

Battery Recharge Time: 4 hours

Operating Time (APM with 9-Cell Battery): Up to 17 hours

