



## Connex® Vital Signs Monitor

**Item Description:** Monitor, Vitals Signs

**Model Number:** 6700 / 6800

**Installation:** \_\_\_\_\_

**Proposal Number:** \_\_\_\_\_

**Facility:** \_\_\_\_\_

**City, State** \_\_\_\_\_

**Estimated Delivery:** \_\_\_\_\_

**Delivery Cost:** \_\_\_\_\_

**Taxes:** \_\_\_\_\_

## Product Features

Large, 9" color touchscreen interface

Spot check, timed intervals and continuous monitoring

For use on adult, pediatric and neonatal patients

Fast, comfortable blood pressure with SureBP® technology

Oral/axillary, tympanic and dual thermometry options to meet patient and care setting requirements

Option of Masimo® or Nellcor® SpO<sub>2</sub>

Detect and respond to signs of respiratory depression with continuous monitoring of etCO<sub>2</sub> or acoustic respiration with integrated Medtronic® Microstream® technology

Integrated Pulmonary Index (IPI) measurement simplifies assessing ventilation status in general care settings

Optional EarlySense® contact-free respiratory monitoring and motion sensing for bed exit alarming and patient rotation management

Up to 20 custom modifiers enable complete patient documentation

Customizable Early Warning Scoring (e.g., MEWS, PEWS) to enable clinical decision support at the bedside

Wireless EMR connectivity

## Common Configurations (Select One)

### SPOT CHECK:

- 67MXTX-B SureBP® NIBP, SureTemp® Plus thermometry, Masimo® SpO<sub>2</sub>; Add WiFi®: 68MXTX-B
- 67NXTX-B SureBP NIBP, SureTemp Plus thermometry, Nellcor® SpO<sub>2</sub>; Add WiFi: 68NXTX-B

### CONTINUOUS MONITORING:

- 68NCTX-B Capnography (Covidien®), SureBP NIBP, SureTemp Plus thermometry, Nellcor SpO<sub>2</sub>, wireless radio
- 68MSTX-B EarlySense contact-free monitoring, SureBP NIBP, SureTemp Plus thermometry, Masimo SpO<sub>2</sub>, wireless radio

## Accessories

- 4800-60 Accessory Cable Management mobile stand with basket
- 008-0834-01 GCX Wall Mount with channel
- 6000-916HS 2D barcode scanner

Visit [www.welchallyn.com](http://www.welchallyn.com) for more configurations and accessories including options for blood pressure cuffs, hoses, SpO<sub>2</sub> sensors and more.



## Technical Specifications:

Noninvasive Blood Pressure (NIBP)	
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 SPI0:2002 and ISO/ANSI/AAMI 81060-2:2013 standards for noninvasive blood pressure accuracy ( $\pm 5$ mmHg mean error, 8 mmHg SD)
BP Determination Time	15 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% ( $\pm 3$ bpm)

Temperature	
Measurement Range	SureTemp Plus: 80 – 110°F (26.7 – 43.3°C) Braun: 68 – 108°F (20 – 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 seconds Axillary: Approximately 4 seconds Rectal: Approximately 4 seconds Tympanic: Approximately 4 seconds

Electrical	
AC Power Supply	15V at 2.33A
Operating Time	47 patient exams per charge (A patient exam includes NIBP, temperature and SpO <sub>2</sub> measurements at the rate of one patient every 10 minutes with a two-minute display time-out setting and a new battery.)
Battery Recharge Time	4 hours

Wireless Radio	
Wireless Network Inter-face	IEEE 802.11 a/b/g
Frequency	802.11 b/g: 2.402 GHz to 2.4835 GHz 802.11a: 5.125 GHz to 5.875 GHz
Authentication/Encryption	WPA2/AES (either EAP or PSK authentication)
FIPS 140-2	Yes



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Mechanical	
Dimensions	Height: 10 in (25.4 cm) Width: 11 in (27.9 cm) Depth: 6 in (15.3 cm)
Weight	9.5 lbs (4.3 kg)

SpO <sub>2</sub>	
Measurement Range	1 – 100%
Pulse Rate Range	Masimo: 25 – 240 bpm Nellcor: 25 – 240 bpm
SpO <sub>2</sub> Accuracy	Masimo: $\pm 2$ digits Nellcor: $\pm 3$ digits
Pulse Rate Accuracy	Masimo: $\pm 3$ digits Nellcor: $\pm 3$ digits

Environmental	
Operating Temperature	50 – 104°F (10 – 40°C)
Storage Temperature	-4 – 122°F (-20 – 50°C)
Operating Altitude	-557 to 10,000 ft. (-170 m to 3,048 m)
Operating Humidity	15% to 90% noncondensing
Storage Humidity	15% to 95% noncondensing
EMC Standard	IEC/EN 60601-1, 2nd and 3rd Edition Standards

For specifications on the Connex Vital Signs Monitor with integrated Medtronic Microstream etCO<sub>2</sub> or EarlySense® technology, refer to the Connex Vital Signs Monitor Directions for Use available at [www.welchallyn.com](http://www.welchallyn.com).

**For further information about this product or service, please contact your local Welch Allyn representative or visit [www.welchallyn.com](http://www.welchallyn.com).**

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