ACCURATE VITALS SENT FROM THE BEDSIDE TO YOUR EMR

The Connex Vital Signs Monitor is a proven connected vital signs solution for busy general care floors with the option to expand to continuous monitoring for higher-risk patients.

PRODUCT FEATURES

- Large color touchscreen simplifies training and operation
- For use on adult, pediatric and neonatal patients
- SureBP® technology — 15-second NIBP measurement
- SureTemp® Plus and/or Braun ThermoScan® PRO 6000 ear thermometry
- Masimo® or Nellcor® SpO$_2$
- Interval monitoring mode, including customizable interval programs and alarms
- Manual measurements entry (weight, height, respiration rate, pain) and documentation of modifiers, like body position and O$_2$ therapy
- Customizable Early Warning Scoring (e.g., MEWS, PEWS) to enable clinical decision support at the bedside
- Single sign-on options available for quick, secure clinician login
- Interface to select digital weight scales

- USB, Ethernet and wireless connectivity
- Integrated printer (optional)
- Nurse call interface.

Options for Continuous Monitoring:

- Medtronic® Microstream® Capnography (etCO$_2$) with Integrated Pulmonary Index (IPI)
- 3- or 5-Lead ECG with lethal arrhythmia detection
- Pulse oximetry and pulse rate
- Masimo total hemoglobin (SpHb)
- Masimo Acoustic Respiratory Monitoring (RRa)
- Connex Central Station integration for centralized monitoring and alarm management

DOD RMF APPROVED

COMMON CONFIGURATIONS

Without Wireless	With Wireless	
67NXTX-B	68NXTX-B	Blood Pressure, SpO$_2$ (Nellcor), Temperature (SureTemp Plus)
67MXTX-B	68MXTX-B	Blood Pressure, SpO$_2$ (Masimo), Temperature (SureTemp Plus)
67NCTX-B	68NCTX-B	Blood Pressure, SpO2 (Nellcor), Temperature (SureTemp Plus), Medtronic Microstream etCO$_2$
67MCTX-B	68MCTX-B	Blood Pressure, SpO$_2$ (Masimo), Temperature (SureTemp Plus), Medtronic Microstream etCO$_2$

Accessories			
4800-60	Accessory cable management mobile stand with basket	06000-900	Braun PRO 6000 dock with thermometer
4900-60	Accessory cable management mobile stand with basket, extended housing devices	6000-916HS	2D barcode scanner
4900-62	GCX wall mount with channel, extended housing devices	6000-ECG3A	3-lead ECG module
008-0834-01	GCX wall mount with channel	6000-ECG5A	5-lead ECG module

Select Specifications*		
Physical	Height: 10 in. (25.4 cm) Width: 11 in. (27.9 cm) Depth: 6 in. (15.2 cm) Weight (including battery): 9.5 lb. (4.3 kg)	
Graphical Display Dimensions	Display area (W x H): 8 in. x 4 in. (20.3 cm x 10.2 cm)	Resolution: 1024 x 600 pixels
Battery	9-cell battery	Rating: 10.8 V, 6.75 Ah (73 Wh) Composition: Lithium-ion Charge time to 80% capacity: 2 hr 25 m Charge time to 100% capacity: 4 hr Battery life: 7.8 hr**
NIBP	Systolic range	Adult: 30 to 260 mmHg (StepBP, SureBP) Pediatric: 30 to 260 mmHg (StepBP, SureBP) Neonate: 20 to 120 mmHg (StepBP)
	Diastolic range	Adult: 20 to 220 mmHg (StepBP, SureBP) Pediatric: 20 to 220 mmHg (StepBP, SureBP) Neonate: 10 to 110 mmHg (StepBP)
	Cuff inflation target	Adult: 160 mmHg (StepBP) Pediatric: 120 mmHg (StepBP) Neonate: 90 mmHg (StepBP)
	Maximum target pressure	Adult: 280 mmHg (StepBP, SureBP) Pediatric: 280 mmHg (StepBP, SureBP) Neonate: 130 mmHg (StepBP)
	Blood pressure determination time typical: 15 seconds (SureBP) Blood pressure accuracy meets or exceeds ANSI.AAMI SP10:2002 standards	
Temperature	SureTemp temperature range: 80°F to 110°F (26.7°C to 43.3°C) Braun temperature range: 68°F to 108°F (20.0°C to 42.2°C)	
SpO$_2$	SpO2 performance measurement range: 1 to 100%	

Wireless Radio	
Wireless Network Interface	IEEE 802.11 a/b/g/n
Frequency	2.4 GHz – 2.483 GHz (2.4 GHz bands) 5.15 GHz to 5.35 GHz, 5.725 GHz to 5.825 GHz (5 GHz bands)
Authentication/Encryption	Wireless Equivalent Privacy (WEP, RC4 Algorithm); Wi-Fi Protected Access (WPA); IEEE 802.11i (WPA2); TKIP, RC4 Algorithm; AES, Rijndael Algorithm; Encryption Key Provisioning; Static (40-bit and 128-bit lengths); PSK; Dynamic; EAP-FAST; EAP-TLS; EAP-TTLS; PEAP-GTC 1; PEAPMSCHAPv2; PEAP-TLS
FIPS 140-2	Yes
Device Data Security Features	FIPS approved encryption algorithms of transmitted data; Server authentication of the device; Digitally signed software images and configuration files

* For complete specifications, see the Connex Vital Signs Monitor Directions for Use.
** On-time performance is an estimate based on using a new battery in a typical clinical use environment. Actual performance can vary based on workflow and configuration

For more information, please contact your Hillrom representative or visit us online at hillrom.com.

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