Welch Allyn[®] Connex[®] Vital Signs Monitor 6000 Series

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

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- 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[®] SpO₂
- 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 O₂ 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 (etCO₂) 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





| 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 ${\rm etCO}_2$ |
| 67MCTX-B | 68MCTX-B | Blood Pressure, ${\rm SpO}_{\rm 2}$ (Masimo), Temperature (SureTemp Plus), Medtronic Microstream ${\rm etCO}_{\rm 2}$ |

COMMON CONFIGURATIONS

| 490-60 Accessory cable management mobile stand with basket, est with functional devices from the functinformal devices from the functional devices from the functional | Accessories | | | | | | | |
|--|-------------------------------|---|---|--|--|--------------------------------------|--|--|
| 4300-02 4900-62 4900-62 6CX wall mount with channel, extended housing devices I 6000-ECG3A 6CX wall mount with channel, extended housing devices I 6000-ECG3A 6CX wall mount with channel, extended housing devices I 6000-ECG3A 6CX wall mount with channel, extended housing devices I 6CX wall mount with channel, extended housing devices I 9Physical 6000-ECG3A 6-lad ECG module 3-lead ECG module Select Specification Colspan="2">Select Specification Colspan="2">Specification Colsp | 4800-60 | Accessory cable m | anagement mobile stand with basket | | 06000-900 | Braun PRO 6000 dock with thermometer | | |
| 000-0834-01 GCX wall mount with channel 6000-ECG5A 5-lead ECG module Select Specification Physical Height: Din, (25,4 cm) Weight (Incluing Data terp: 9,5 lb, (4,3 kg) Graphical Display read (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Resolution: 1024 x 600 pixels Battery Set (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Resolution: 1024 x 600 pixels Battery Set (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Resolution: 1024 x 600 pixels Battery (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Battery (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Battery (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Battery (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Battery (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Battery (W, H): 8 in, x 4 in, (20,3 cm x 10,2 cm) Compatibution: 100 km Holes Capacity: 2 th 25 m Colspan="2">Commation: 10 to 100 mmHg (StepEP) Opticity: 20 mmHg (StepEP) Distoil crange Adult: 20 to 220 mmHg (StepEP) Noneat: 10 to 100 mmHg (StepEP) Noneat: 10 to 100 mmHg (StepEP) Noneat: 10 to 100 mmHg (StepEP) | 4900-60 | · · · · · | | | 6000-916HS | 2D barcode scanner | | |
| Solect Spacifications* Hight: 10 in, (25.4 cm) Wight: 11 in, (25.9 cm) Depth: 6 in, (15.2 cm) Weight (including battery): 9.5 ib, (4.3 kg) Graphical Display Dimensions Display area (W x H): 8 in, x 4 in. (20.3 cm) x 10.2 cm) Resolution: 10.24 x 600 pixels Battery Display area (W x H): 8 in, x 4 in. (20.3 cm) x 10.2 cm) Resolution: 10.24 x 600 pixels Battery Systolic range Rating: 10.8 V, 6.75 Ah (73 Wh) Composition: Lithium-ion Charge time to 100% capacity: 2 hr 25 m Charge time to 100% capacity: 4 hr Battery (Br. 78 hr** NigP Systolic range Adult: 30 to 260 mmHg (StepBP, SureBP) Pediatric: 30 to 260 mmHg (StepBP, SureBP) Neonate: 20 to 100 mmHg (StepBP). NigP Distolic range Adult: 160 mmHg (StepBP) Pediatric: 20 to 220 mmHg (StepBP) Neonate: 10 to 10mHg (StepBP) Pediatric: 20 to 200 mmHg (StepBP) Neonate: 10 to 10mHg (StepBP) Neonate | 4900-62 | GCX wall mount with channel, extended housing devices | | | 6000-ECG3A | 3-lead ECG module | | |
| Physical Height: 10 in. (25.4 cm) Weight (including battery): 55 ib. (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 Battery Resolution: 10.8 V, 67 S Ah (73 Wh) Composition: Lithium-ion Charge time to 80% capacity: 2 hr 25 m Charge time to 80% capacity: 2 hr 25 m Charge time to 100% capacity: 2 hr 25 m Charge time to 100% capacity: 4 hr Battery (Hr: 216 hr** Battery Systolic range Adut: 30 to 260 mmHg (StepBP) SureBP) Neonate: 20 to 120 mmHg (StepBP) SureBP) Neonate: 20 to 120 mmHg (StepBP) SureBP) Neonate: 20 to 220 mmHg (StepBP) SureBP) Neonate: 20 to 220 mmHg (StepBP) SureBP) Neonate: 20 to 220 mmHg (StepBP) SureBP) Neonate: 10 to 100 mmHg (StepBP) Neonate: 10 to 100 mmHg (StepBP) Neonate: 20 to 220 mmHg (StepBP) Neonate: 30 mmHg (StepB | 008-0834-01 | GCX wall mount with channel | | | 6000-ECG5A | 5-lead ECG module | | |
| Physical Weith: 11n. (279 em) Dept: 6:10. (5.2 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 m Xi.0.2 cm) Resolution: 1024 x 600 pixels Battery Social Composition: Lithium-ion Charge time to 80% capacity: 2 hr 25 m Charge time to 80% capacity: 2 hr 25 m Charge time to 100% capacity: 2 hr 25 m Battery fire: X8 hr** Systolic range Adult: 30 to 260 mmHg (StepBP, SureBP) Pediatric: 30 to 260 mmHg (StepBP, SureBP) NBP Systolic range Adult: 20 to 220 mmHg (StepBP, SureBP) Pediatric: 30 to 220 mmHg (StepBP, SureBP) NBP Mainter and the adult is to 100 mmHg (StepBP, SureBP) SureBP) NBP Adult: 20 to 220 mmHg (StepBP, SureBP) SureBP) NBP Mainter ange: 60% capacity: 2 hr 25 m SureBP NBP Adult: 20 to 220 mmHg (StepBP, SureBP) SureBP) Neonate: 10 to 100 mmHg (StepBP, SureBP) SureBP Neonate: 50 mmHg (StepBP, SureBP) SureBP SureBP SureTemp temperature range: 687 to 1087 (267°C to | Select Specifica | ations* | | | | | | |
| Graphical Display Dimensions x 10.2 cm) Resolution: 1024 x 000 pxkes Battery Security Secur | Physical | | Width: 11 in. (27.9 cm) Depth: 6 in. (15.2 cm) | | | | | |
| Battery 9-cell battery Composition: Lithum-ion Charge time to 80% capacity: 2 hr 25 m Charge time to 100% capacity: 4 hr Battery life: 7.8 hr** Auth: 30 to 260 mmHg (StepBP, SureBP) Pediatric: 30 to 260 mmHg (StepBP, SureBP) Neonate: 20 to 120 mmHg (StepBP, SureBP) Neonate: 20 to 120 mmHg (StepBP, SureBP) Pediatric: 20 to 220 mmHg (StepBP, SureBP) Pediatric: 20 to 220 mmHg (StepBP, SureBP) Neonate: 10 to 10 mHg (StepBP, SureBP) Neonate: 10 to 10 mHg (StepBP, SureBP) Neonate: 10 to 10 mmHg (StepBP, SureBP) Neonate: 10 to 10 mHg (StepBP) Neonate: | Graphical Display Dimensions | | | Resolution: 1024 x 600 pixels | | | | |
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| NBP Diastolic range Pediatric: 20 to 220 mmHg (StepBP, SureBP) Neonate: 10 to 110 mmHg (StepBP) NBP Cuff inflation target Adult: 160 mmHg (StepBP) Pediatric: 120 mmHg (StepBP) Neonate: 90 mmHg (StepBP) Neonate: 90 mmHg (StepBP), SureBP) Neonate: 90 mmHg (StepBP), SureBP) Neonate: 30 mmHg (StepBP), SureBP) Temperature SureTemp temperature range: 80°F to 100°F (2C,7°C to 43.3°C) Braun temperature range: 68°F to 108°F (2C) or to 43.3°C) SpQ_ Sp02 performance measurement range: 100°C to 43.3°C) SpQ_ Sp02 performance measurement range: 100°C to 43.3°C) Vireless Network Interface EEE 802.11 a/b/g/n Frequency 24 GHz - 2.483 GHz (2.4 GHz bands) 5L fz to 5.35 GHz, 5.725 GHz to 5.825 GHz (5 GHz bands) Authentication/Encryption Vireless Equivalent Privacy (WEP, RC4 A) writer in the virele Access (WPA); IEEE 802.111 (WPA2); TKIP, RC4 Algorithm; AES, Rijndeal Algorithm; Encryption Key Provisioning; Static (40-bit and 128.bit lengths); PSK; Dynamic; 24.PFAST; EAP-TLS; EAP-TLS; EAP-TLS; PEAP-GT : PEAPMSCHAPv2; PEAP-TLS FIPS 140-2 Yireless Equivalent Privacy (WEP, RC4 A) writer in the dat; Server authentication of the device; Digitally signed software | NIBP | | Systolic range | Pediatric: | Pediatric: 30 to 260 mmHg (StepBP, SureBP) | | | |
| NIBP Cuff inflation target Pediatric: 120 mmHg (StepBP) Neonate: 90 mmHg (StepBP) Maximum target pressure Adult: 280 mmHg (StepBP, SureBP) Pediatric: 280 mmHg (StepBP, SureBP) 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) SpO2 SpO2 performance measurement range: 1 to 100% Wireless Radio EEE 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 802.111 (WPA2); TKIP, RC4 Algorithm; AES, Rijndael Algorithm; Encryption Key Provisioning; Static (40-bit and 128-bit lengths); PSK; Dynamic; EAP-FAST; EAP-TLS; EAP-TLS; PEAP-GTC 1; PEAPMSCHAPv2; PEAP-TLS FIPS 140-2 Yes | | | Diastolic range | Pediatric: 20 to 220 mmHg (StepBP, SureBP) | | | | |
| Maximum target pressurePediatric: 280 mmHg (StepBP, SureBP) Neonate: 130 mmHg (StepBP, SureBP) Neonate: 130 mmHg (StepBP)Blood pressure determination time typical: 15 seconds (SureBP) Blood pressure accuracy meets or exceeds ANSLAAMI SP10:2002 standardsTemperatureSureTemp 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)SpO2SpO2 performance measurement range: 1 to 100%Wireless RadioEEE 802.11 a/b/g/nFrequency2.4 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/EncryptionWireless Equivalent Privacy (WEP, RC4 Algorithm); Wi-Fi Protected Access (WPA); IEEE 802.11 i(WPA2); TKIP, RC4 Algorithm; AES, Rijndael Algorithm; Encryption Key Provisioning; Static (40-bit and 128-bit lengths); PSK; Dynamic; EAP-FAST; EAP-TLS; EAP-TLS; PEAP-GTC 1; PEAPMSCHAPv2; PEAP-TLSFIPS 140-2YesPerice Data Security FeaturesFIPS approved encryption algorithms of transmitted data; Server authentication of the device; Digitally signed software | | | Cuff inflation target | Pediatric: 120 mmHg (StepBP) | | | | |
| Blood pressure accuracy meets or exceeds ANSI.AAMI SP10:2002 standardsTemperatureSureTemp 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)SpO2SpO2 performance measurement range: 1 to 100%Wireless RadioEEE 802.11 a/b/g/nFrequency2.4 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/EncryptionWireless 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-TLSPevice Data Security FeaturesFIPS approved encryption algorithms of transmitted data; Server authentication of the device; Digitally signed software | | | Maximum target pressure | Pediatric: | Pediatric: 280 mmHg (StepBP, SureBP) | | | |
| TemperatureBraun temperature range: 68°F to 108°F (20.0°C to 42.2°C)SpO2SpO2 performance measurement range: 1 to 100%Wireless RadioWireless Network InterfaceWireless Network InterfaceIEEE 802.11 a/b/g/nFrequency2.4 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/EncryptionWireless 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-TLSPevice Data Security FeaturesFIPS approved encryption algorithms of transmitted data; Server authentication of the device; Digitally signed software | | | | | | | | |
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| 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-TLS; 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 | SpO ₂ | | SpO2 performance measurement range: 1 to 100% | | | | | |
| 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-TLS; PEAP-GTC 1; PEAPMSCHAPv2; PEAP-TLS FIPS 140-2 Yes Pevice Data Security Features FIPS approved encryption algorithms of transmitted data; Server authentication of the device; Digitally signed software | Wireless Radio | | | | | | | |
| Authentication/EncryptionWireless 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-TLS; PEAP-GTC 1; PEAPMSCHAPv2; PEAP-TLSFIPS 140-2YesDevice Data Security FeaturesFIPS approved encryption algorithms of transmitted data; Server authentication of the device; Digitally signed software | Wireless Network Interface | | IEEE 802.11 a/b/g/n | | | | | |
| Authentication/Encryption Algorithm; AES, Rijndael Algorithm; Encryption Key Provisioning; Static (40-bit and 128-bit lengths); PSK; Dynamic; EAP-FAST; EAP-TLS; EAP-TLS; 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 | 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) | | | | | |
| Pevice Data Security Features FIPS approved encryption algorithms of transmitted data; Server authentication of the device; Digitally signed software | Authentication/Encryption | | Algorithm; AES, Rijndael Algorithm; Encryption Key Provisioning; Static (40-bit and 128-bit lengths); PSK; Dynamic; | | | | | |
| Device Data Security Features | FIPS 140-2 | | Yes | | | | | |
| | Device Data Security Features | | | | | | | |

* 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.

hillrom.com

Hill-Rom reserves the right to make changes without notice in design, specifications and models. The only warranty Hill-Rom makes is the express written warranty extended on the sale or rental of its products.