Welch Allyn Connex® Vital Signs Monitor 6000 Series
Accurate vitals to your EMR from the bedside

The next generation in vital signs monitoring with easy-to-use color touchscreen interface, advanced vital signs technology and complete documentation at the bedside.

Features

- SureBP—15-second NIBP and pulse rate
- SureTemp® Plus and/or Braun ThermoScan® PRO 4000 ear thermometry (optional—choose one or both)
- Masimo® or Nellcor® SpO$_2$ algorithms (optional)—both sensors and signal processing
- Masimo noninvasive continuous monitoring of total hemoglobin (optional)
- Adult, pediatric, neonatal blood pressure modes
- NIBP interval monitoring mode, including customizable interval programs
- Manual measurements entry (weight, height, respiration rate, pain) and documentation of modifiers, like body position and O$_2$ therapy
- Programmable visual and audible alarms for BP, SpO$_2$, temp and pulse
- Large color touchscreen simplifies training and operation
- Complete error messages for easy troubleshooting
- Fully customizable, including programmable location identifier and quick USB configuration cloning

- Bar code scanning (optional)
- Interface to select digital weight scales (optional)
- 400-reading memory
- USB, Ethernet, and wireless connectivity
- Up to four USB accessory ports
- Integrated printer (optional)
- Lithium-ion battery for mobile operation
- Nurse call interface
- PartnerConnect™-ready for software-driven repairs and upgrades

Sample Ordering Information

Without Wireless	With Wireless	
64XTXX-B	65XTXX-B	Blood Pressure, Temperature (SureTemp Plus)
64XXXE-B	65XXXE-B	Blood Pressure, Temperature (Braun ThermoScan PRO 4000)
64NTXX-B	65NTXX-B	Blood Pressure, SpO$_2$ (Nellcor), Temperature (SureTemp Plus)
64MTXX-B	65MTXX-B	Blood Pressure, SpO$_2$ (Masimo), Temperature (SureTemp Plus)
64NTPX-B	65NTPX-B	Blood Pressure, SpO$_2$ (Nellcor), Temperature (SureTemp Plus), Printer
64MTPX-B	65MTPX-B	Blood Pressure, SpO$_2$ (Masimo), Temperature (SureTemp Plus), Printer

Note: For a complete list of configuration options, please contact your Welch Allyn representative.

WelchAllyn®
Advancing Frontline Care™

Accessories

4800-60	Accessory Cable Management mobile stand with basket		6000-910	Mounting arm for HS1-M barcode scanner (use with economy mobile stand with basket only)
4701-62	Wall mount with basket		6000-920	Wireless radio kit—internal 802.11 a/b/g
008-0834-01	GCX wall mount with channel		4500-925	USB cable for wired connectivity
04000-900	Braun PRO 4000 Dock with Thermometer		660-0138-00	Patch cable, 5'
6000-NC	Nurse call cable		6000-BT0	One-year service contract, NIBP and temperature
6000-915	2D barcode scanner kit—scanner, mounting bracket, hardware		6000-BTS	One-year service contract, NIBP, temperature, SpO_2
6000-915HS	Medical 2D barcode scanner with coiled USB		6000-150E	In-service CD

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		
Speaker volume	Output sound pressure: 67 dB at 1.0 meter		
Battery	6-cell battery (6300 models)	Rating: 11.1 V, 3.80 Ah (42 Wh) Composition: Lithium-ion Charge time to 80% capacity: 2 hr 7 m Charge time to 100% capacity: 3 hr Battery life: 4.3 hours*	
	9-cell battery (6400 and 6500 models)	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*	
Nurse call connection	25 V AC or 60 V DC maximum at 1 A maximum		
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	SpO_2 performance measurement range: 1 to 100%		
Total Hemoglobin (SpHb)™	Saturation range: 0 to 25 g/dl		
Environmental	Operating temperature: 50 °F to 104 °F (10 °C to 40 °C) Storage temperature: -4 °F to 122 °F (-20 °C to 50 °C) Operating altitude: -557 to 10,000 ft. (-170 m to 3,048 m) Operating humidity: 15 to 95% noncondensing Storage humidity: 15% to 95% noncondensing		
Monitor radio wireless network interface	IEEE 802.11 a/b/g		
Security/encryption/authentication	WEP: 64 & 128, WPA2/AES: PSK or 802.1x authentication including EAP-TLS, EAP-TTLS and EAP-PEAP		

*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.