



The **Welch Allyn Connex** is a vital signs monitor. There are two different modes of the Connex vital signs monitor; the 6700 model and the 6800. The difference between the models is that 6800 includes a wireless connection.

The Welch Allyn Connex features a touch screen monitor that can monitor measurements such as pulse oximetry, blood pressure, and temperature. This Monitor can support multiple workflows including triage, spot-checking, and continuous monitoring of patients. In addition, the device has the capability to provide clinicians with early warnings/alarms to help them proactively intervene to reduce patient falls, pressure ulcers, and respiratory distress, and to improve EMR documentation.

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 SpO2 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 O2 therapy
- Programmable visual and audible alarms for BP, SpO2, 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



Specifications

Dimensions	(H x W x D) 10 in. (25.4 cm) x 11 in. (27.9 cm) x 6 in. (15.2 cm)
Weight	(including battery): 9.5 lb. (4.3 kg)
Graphical Display Dimensions	Display area (WxH): 8inx4in(20.3cmx10.2cm) Resolution: 1024 x 600 pixels
Speaker volume	Output sound pressure: 67 dB at 1.0 meter
Battery	<p>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*</p> <p>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*</p>
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%
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

