



**Hillrom™**

Welch Allyn®  
Connex® Spot Monitor

# MEET THE WELCH ALLYN® CONNEX® SPOT MONITOR

Designed for simplicity and ease-of-use, we're delivering accurate, automated vitals in one user-friendly solution.

Help enhance productivity and patient outcomes by capturing a full set of patient vitals in less than a minute! And with secure connectivity, you can send those vitals directly to your EMR—allowing you to reduce manual data entry and spend more time with your patients.

1

## Improve Accuracy and Efficiency with EMR Connectivity

Transcribing manual vital signs can lead to rounding errors and inconsistent technique. The Connex Spot Monitor can send patient data directly to your EMR, helping you ensure accuracy with automated vitals—now including episodic respiration rate. Plus, this device meets ANSI/ AAMI SP10:2002 and ISO/ANSI/ AAMI 81060- 2:2013 standards for noninvasive blood pressure accuracy ( $\pm 5$  mmHg mean error, 8 mmHg SD).



DoD RMF  
Approved



2

## Confidently Detect Hypertension with Blood Pressure Averaging

Single-reading blood pressure measurements may not be sufficient when diagnosing hypertension.<sup>2</sup> To support assessment and detection, the Connex Spot Monitor offers blood pressure averaging with SureBP® technology.

3

## Secure Your Network to Protect Patient Health Data

As data breaches continue to make headlines, it's important to ensure your patient's data is secure. The Connex Spot Monitor has security features approved by the U.S. Department of Defense. You can feel confident that patient data is protected with features like: FIPS-approved encryption algorithms for transmitted data, server authentication and digitally signed software images and configuration files.



## ADAPT TO THE NEEDS OF YOUR PRACTICE WITH A CONFIGURABLE DESIGN

Experience a large, easy-to-use touchscreen display

Spot-check respiration rate with the Masimo® RRp® technology

Choose from SureTemp® Plus and/or Braun ThermoScan® PRO 6000 ear thermometry

Measure pulse oximetry with the Masimo SET® SpO<sub>2</sub>, Nonin® PureSAT® SpO<sub>2</sub> or the Nellcor® OxiMax® SpO<sub>2</sub> sensors

Select from multiple mounting options to find what works best for your practice

## CONNECTING YOU TO PATIENT DATA—ANYTIME, ANYWHERE

Import vitals data directly into your EMR and help ensure accurate information while leveraging your EMR investment.<sup>3</sup> Beyond standard vital signs, you can connect your Connex Spot Monitor to scales from Detecto®, Health o meter® and SECA to accurately document height, weight and BMI.

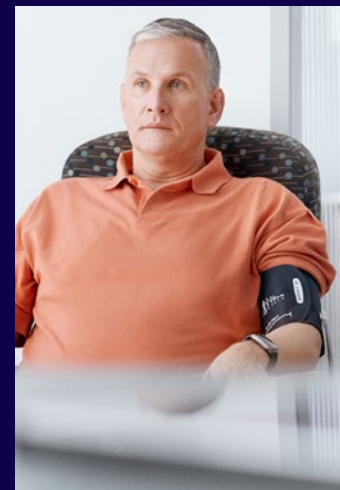


## IMPROVING HYPERTENSION SCREENING AT YOUR PRACTICE

When it comes to hypertension detection, the American Heart Association now recommends automated office blood pressure solutions that can capture and average multiple readings during a single visit.<sup>4</sup>

Averaging multiple blood pressure readings can help provide a more comprehensive look at your patient's heart health. It also allows you to consider anomalies like white-coat hypertension, variations in measurement technique and other factors that can impact an accurate reading.

Get started with blood pressure averaging today and feel confident in your high blood pressure assessments.



## CONFIGURATIONS

Welch Allyn® Connex® Spot Monitor		7100 Series	7300 Series
<b>Parameters</b>	SureBP® Technology (with BP Averaging Protocols)	●	●
	Interval Monitoring	●	●
	SureTemp® Plus Thermometry	●	●
	Braun® PRO 6000 Ear Thermometry	●	●
	Masimo® RRP® (Respiration Rate)	—	●
	Masimo Pulse Oximetry (SpO <sub>2</sub> )	—	●
	Nellcor® Pulse Oximetry (SpO <sub>2</sub> )	—	●
	Nonin® Pulse Oximetry (SpO <sub>2</sub> )	●	●
<b>Communications</b>	USB	●	●
	Ethernet	●	●
	Bluetooth®	—	●
<b>Scale Connectivity</b>	SECA	USB & Wireless	USB & Wireless
	Health o meter®	USB & Wireless	USB & Wireless
	Detecto®	USB	USB
<b>Warranty &amp; Service Programs</b>	Two-Year Out of Box Warranty	●	●
	Welch Allyn SmartCare™ Services Program <sup>5</sup>	●	●

## ACCESSORIES

<b>7000-APM</b>	Accessory Power Management Stand	<b>106275</b>	Connectivity Accessory Kit USB Cable
<b>7000-MWS</b>	Mobile Work Surface Stand	<b>BATT99</b>	Accessory Power Management Stand Lithium-Ion Battery
<b>7000-MS3</b>	Classic Mobile Stand	<b>4500-35</b>	Blood Pressure Hose with FlexiPort® (10 ft)
<b>7000-DST</b>	Desktop Stand	<b>7000-33</b>	Neonatal Blood Pressure Hose (10 ft)
<b>7000-GCX</b>	Wall Channel with Basket	<b>02895-100</b>	SureTemp Plus Thermometer Rectal Probe and Well
<b>77794-MCSM</b>	Welch Allyn Green Series™ 777 Integrated Wall System with Coaxial Ophthalmoscope	<b>106204</b>	Braun PRO 6000 Ear Thermometer Tether
<b>77794-2MCSM</b>	Green Series 777 Integrated Wall System with PanOptic™ Ophthalmoscope	<b>3278-010</b>	Nonin Reusable Adult Sensor (2 m)
<b>7000-PS</b>	Power Supply	<b>2360-010</b>	Nonin Reusable Pediatric Sensor (2 m)
<b>BATT22</b>	Connex Spot Monitor Lithium-Ion Battery	<b>103945</b>	Virtual Channel Client Software

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<sup>1</sup> Based on a clinical simulator. See also: Yarows SA. What is the Cost of Measuring a Blood Pressure? Ann Clin Hypertens. 2018; 2: 059-066. <https://doi.org/10.29328/journal.ach.1001012>

<sup>2</sup> Pickering, Thomas G., MD, DPhil, et. al: Recommendations for Blood Pressure Measurement in Humans and Experimental Animals. Circulation. 2005; 111:697-716.

<sup>3</sup> The Welch Allyn Connex Spot Monitor is validated with EMR providers including: Allscripts®, athenahealth®, Cerner®, eClinicalWorks®, Epic®, GE® Centricity™, Greenway® (Intergy®), NextGen® and many others. Contact your Hillrom representative for more details on the EMR partners we work with.

<sup>4</sup> Muntner, Paul et al. "Measurement of Blood Pressure in Humans: A Scientific Statement From the American Heart Association." Hypertension 73, no. 5. (May 1, 2019). Doi:10.1161/hyp.0000000000000087.

<sup>5</sup> Contact your Hillrom representative for more details about our SmartCare Services Programs.

Nellcor is a registered trademark of Nellcor Puritan Bennett Incorporated. Nonin is a registered trademark of Nonin Medical, Inc. Bluetooth is a registered trademark of Bluetooth SIG, Inc. Health o meter is a registered trademark of Sunbeam Products, Inc. Detecto is a registered trademark of Cardinal Scale Mfg. RRP and SET is a registered trademark of Masimo Corp. Oximax is a registered trademark of Covidien LP.



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## Special Information For US Only

The FDA issued Enforcement Policy for Non-Invasive Remote Monitoring Devices Used to Support Patient Monitoring During the Coronavirus Disease 2019 (COVID-19) Public Health Emergency. During this emergency and while the policy is in effect, FDA does not intend to object to limited modifications to the FDA-cleared indications without prior submission of a 510(K) where the modification does not create an undue risk. Hillrom does not yet have FDA 510(k) clearance on the combination use of the Connex Spot Monitor with Masimo RRp. Hillrom intends to adhere to FDA's recommendations to market CSM with Masimo RRp with appropriate testing and labeling while the policy is in effect.

This device is intended to provide recommendations that should be used in an adjunctive (supportive) manner and are not intended to be used as a primary means to make diagnosis, prevention, or treatment recommendations.

### **Modifications to FDA Cleared Indications for Use (modifications are underlined)**

The Connex Spot Monitors are intended to be used by clinicians and medically qualified personnel for monitoring of noninvasive blood pressure, pulse rate, noninvasive functional oxygen saturation of arteriolar hemoglobin (SpO<sub>2</sub>), and body temperature in normal and axillary modes of neonatal, pediatric, and adult patients. Monitoring Respiration Rate from photoplethysmogram (RRp) is indicated for adult and pediatric patients greater than 2 years old.

The most likely locations for patients to be monitored are general medical or surgical floors and general hospital and alternate care environments. The product is available for sale only upon the order of a physician or licensed health care professional.

### **Device Performance**

Validation of the integration of Masimo RRp technology into the CSM device was completed through software verification testing and design validation of the RRp parameter in the device user interface and IFU. The CSM device has been tested and shown to comply with IEC 60601-1 Edition 3.1 and IEC 60601-1-2 4th Edition. A Risk assessment has been performed according to ISO 14971. Any identified hazards have been found to be acceptable.

### **Potential Risks**

See the [Instructions for Use](#) included on the enclosed CD for a complete list of Warnings and Cautions.

**For further information on the Hillrom Welch Allyn Connex Spot Monitor, including the Instructions For Use, please visit [hillrom.com](http://hillrom.com).**