



Advancing Frontline Care™



Welch Allyn Connex® ProBP™ 3400 Digital Blood Pressure Device



Accurate, reliable, connected blood pressure readings in the palm of your hand.

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- Small, handheld design makes device easy to carry and capture readings on rounds or in triage settings
- Hospital-grade SureBP™ technology enables fast, accurate 15-second blood pressure readings, improving patient comfort
- Obtains accurate readings and minimizes error codes, even in the presence of many cases of motion or weak pulse
- Bluetooth® wireless technology enables connectivity to select EMR/HIS programs, improving documentation accuracy and efficiency

- Compatible with blood pressure cuff sizes ranging from small child (12 cm) to thigh (55 cm)
- Lithium ion battery technology delivers 100 readings on a single charge with rapid recharge time
- Configurable to match your workflow and specific patient needs. Upgradeable so that your initial investment is protected as your needs change
- Mercury and latex free to ensure clinician and patient safety

Specifications

BP technology	Welch Allyn SureBP™ Technology, 15-second measurement time typical; standard technology step deflation readings take longer
EMR/HIS connectivity	USB wired and optional Bluetooth® wireless technology enable connectivity interface development
Graphic display	Display: 16-bit color; 4.3 cm (h) x 5.8 cm (w) (1.69 in x 2.28 in) Pixels: 240 (h) x 320 (w)
Cuff pressure range	0 to 300 mmHg
Systolic range / Diastolic range	60 to 250 mmHg / 30 to 160 mmHg
Mean Arterial Pressure (MAP) range	MAP is a calculated reading that yields an approximate value. 40 to 190 mmHg
Pulse rate range / accuracy (using blood pressure determination)	35 to 199 bpm / ±5.0% (±3 bpm)
Cuff range	Works with Welch Allyn FlexiPort® Disposable and Reusable cuffs ranging from size 8-13, including long 12.0 cm - 55.0 cm (4.7 in - 21.7 in)
Overpressure cutoff	300 mmHg ±15 mmHg
Dimensions / weight	15.0 cm (h) / 8 cm (l) / 5.6 cm (d) / 450 g (5.9 in / 3.1 in / 2.2 in / 15.87 oz)
Mounting	Welch Allyn mobile stand, wall mount, and desk mount
Portability	May be used as a handheld device
Degree of protection	Type BF applied part
Safety classification	Class II
Internally powered	Battery, lithium-ion type, 3.7 V, 2100 mAh, 7.8 Wh. 100 readings per charge
Blood pressure life	Blood pressure module tested to 150,000 cycles
Shock resistance	Meets drop-test requirements of AAMI SP10:2002
Internal memory	50-reading internal memory
Remote servicing	Via USB connection, optional device upgrades to SureBP™ Technology, Bluetooth® Wireless Radio; Remote calibration and system software updates via Welch Allyn Partners in Care service tool
Protection against the ingress of water	IPX0
Standards	Conforms to: IEC/EN 60601-1; IEC/EN 60601-1-2; EN 1060-1, EN 1060-3; AAMI SP10; FCC Part 15 Subpart C; FCC ID # PI4411B, IC # 1931B-BTM411
Environmental specifications	Operating temperature: 10°C to 40°C (50° to 104°F) Storage temperature: -20°C to 50°C (-4° to 122°F) Operating altitude: -557 ft to 16,000 ft (-170 m to 4877 m) Storage humidity: 15 to 95% (noncondensing)
Power requirements	Patient-rated transformer is connected to mains: Input : 100-240 VAC, 0.18 A, 50-60 Hz Output: 5 VDC, 0.5 A
Warranty	One-year limited warranty. Extended warranty available.

Blood pressure accuracy meets or exceeds ANSLAAMI SP10:2002 standards for noninvasive blood pressure accuracy (±5 mmHg mean error, 8 mmHg standard deviation). Blood pressure accuracy is validated for pressure measurement using the upper arm only. Welch Allyn SureBP inflation-based algorithm successfully passed the Association for the Advancement of Medical Instrumentation standard requirements and achieved an AA rating by British Hypertension Society data analysis. Blood Pressure Monitoring 12:215-218 (c) 2007 Lippincott Williams & Wilkins.

Configurations

Welch Allyn Connex ProBP™ 3400	Handheld	Wall Mount	Mobile Stand
SureBP™; Bluetooth	34BFHT-B*	34BFWT-B*	34BFST-B*
SureBP™	34XFHT-B*	34XFWT-B*	34XFST-B*
Standard BP ; Bluetooth	34BXHT-B*	34BXWT-B*	34BXST-B*
Standard BP	34XXHT-B*	34XXWT-B*	34XXST-B*
Welch Allyn Partners in Care SM Service Programs**	<ul style="list-style-type: none"> ○ Biomed Partnership Program (1 yr) / S2-3400 ○ Comprehensive Partnership Program (1 yr) / S1-3400 ○ Warranty Extension (1 yr) / S4-3400 ○ Preventive Partnership Program (1 yr) / PRV-001 		

*Power-cord configurations: Replace final "B" in REF number with regional designation from chart below.	
North America	B
Europe	2
UK	4
Australia (orange cord)	6
China	C
South Africa	7
Japan	J†

** Availability of specific features, coverage hours, and response times may vary by location. Other limitations may apply.

† Mobile stand version only. Handheld version uses North American 'B' configuration

For a complete listing of local availability and more information on the Welch Allyn Connex ProBP 3400, visit us online at www.welchallyn.com/probp.

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