



Advancing Frontline Care™



Welch Allyn Connex® ProBP™ 3400 Digital Blood Pressure Device



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

Welch Allyn Corporate Headquarters
4341 State Street Road
P.O. Box 220
Skaneateles Falls, NY 13153-0220, U.S.A.
Telephone: +1.315.685.4602
+1.800.535.6663
Fax: +1.315.685.0054

European Customer Service: +353 46 90 67790
Australia: +61 29 638 3000
Benelux: +31 202 061 360
China: +86 21 6327 9631
France: +33 155 69 58 49
Germany: +49 6950 985 132
Latin America (Miami office): +1 305 669 9003
Malaysia: +603 78753341
Singapore: +65 6419 8100
South Africa: +27 11 777 7555
Sweden: +46 858 536 551
United Kingdom: +44 207 365 6780

- 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%
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
Service and Repair	Via USB connection, optional device upgrades to SureBP™ Technology, Bluetooth® Wireless Radio; 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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