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Home Medical Supplies

Blood-pressure monitor Ratings

Last reviewed: September 2011

The newly tested wrist monitors from Omron and Rite Aid were just as accurate as the best arm models we tested and were generally more comfortable. They are attached to the wrist and then held against the chest at heart level. That placement appears to reduce errors, compared with other wrist models that are supposed to be held in front of you at heart level.

Our tests also revealed some technological features, such as a built-in sensor in the Omron wrist monitor that prevents it from starting if it's held incorrectly. And the iHealth Dock BP3 can interact with Apple mobile devices to store and chart your readings. But not all features work well. The top-rated arm monitor, the Omron 10 series BP785, has a cuff guide that is claimed to alert you if it has been positioned incorrectly. It worked when the cuff was applied loosely but faltered in our tests when the cuff was placed in the wrong position on the arm.

In performance order, within types.

BEST BUY
 RECOMMENDED
● EXCELLENT ● VERY GOOD ● GOOD ● FAIR ● POOR

Recommended	Brand and model	Price	Included Cuff Size (inches)	Overall score	Test results						
					Accuracy	Convenience	Comfort	Average Test Time (sec.)			
Arm					0	P	F	G	VG	E	100
<input checked="" type="checkbox"/>	Omron 10 Series BP785	\$80	One size 9 - 17	89	●	●	●	●	35		
<input checked="" type="checkbox"/>	CVS Advanced Automatic BP3MV1-1ECVS	60	One size 8.7-16.5	89	●	●	●	●	45		
<input checked="" type="checkbox"/>	Microlife Deluxe Automatic BP3NA1-1X	70	One size 8.7 - 18.1	88	●	●	●	●	50		
<input checked="" type="checkbox"/>	Walgreens Deluxe WGNBPA-540	65	9-13/13-17 both included	87	●	●	●	●	45		
<input checked="" type="checkbox"/>	Omron 5 Series BP742	60	9 - 13	86	●	●	●	●	35		
<input checked="" type="checkbox"/>	Rite Aid Deluxe Automatic BP3AR1-4DRITE	60	One size 8.7-16.5	85	●	●	●	●	45		
<input checked="" type="checkbox"/>	ReliOn HEM-741CREL (Walmart)	46	9 - 13	82	●	●	●	●	35		
<input checked="" type="checkbox"/>	iHealth Dock BP3	100	8.6 - 11.8	81	●	●	●	●	35		
<input checked="" type="checkbox"/>	LifeSource Advanced One Step UA-767PV L	60	14.2 - 17.7	81	●	●	●	●	40		
<input checked="" type="checkbox"/>	LifeSource Advanced One Step UA-767PV L	60	14.2 - 17.7	81	●	●	●	●	40		

UA-76/PV

INSIDE OUR RATINGS
 We created this health ratings to help you make informed decisions. [Learn more](#)

[Advanced One Step](#)
[Panasonic EW-3109-W](#)
[HoMedics Automatic BPA-040](#)
[LifeSource Premium UA-853AC](#)
Wrist
[Omron 7 Series BP652](#)
[Rite Aid Automatic RC210](#)
[LifeSource Advanced Memory UB-512](#)
[Omron Ultra Premium HEM-670IT](#)
[HoMedics Automatic BPW-040](#)
[Microlife Deluxe BP3NC1-1W](#)

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Model	Price	Accuracy	Convenience	Comfort	Test Time	Overall Score
Advanced One Step	14.2 - 17.7	81	40	40	40	40
Panasonic EW-3109-W	7.75 - 15.75	79	40	40	35	35
HoMedics Automatic BPA-040	9 - 13	65	45	45	45	45
LifeSource Premium UA-853AC	9.4 - 14.2	56	30	30	30	30
0 P F G WG E 100						
Omron 7 Series BP652	One size 5.25-8.5	95	30	30	30	30
Rite Aid Automatic RC210	One size 5.25-8.5	86	30	30	30	30
LifeSource Advanced Memory UB-512	One size 5.3 - 8.5	75	45	45	45	45
Omron Ultra Premium HEM-670IT	One size 5.25 - 8.5	59	40	40	40	40
HoMedics Automatic BPW-040	One size 5.3 - 7.7	53	45	45	45	45
Microlife Deluxe BP3NC1-1W	One size 5.3 - 7.7	14	40	40	40	40

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Price is approximate retail.

Guide to the Ratings

Overall score is based on blood-pressure accuracy, convenience, comfort, and test time. Scoring was adjusted slightly from prior reports to permit more effective year-to-year comparisons. These changes may have slightly altered the overall score of previously tested models. **Accuracy** is based on how the model's readings compared with those taken on a mercury sphygmomanometer used by two trained testers. **Convenience** is based on pluses and minuses of the model's features (such as irregular heartbeat detection, a blood-pressure risk category indicator, and multiple user memories). **Comfort** is based on opinion scores given by test subjects. **Test time** is the seconds each model took to complete a test on people with "average" and large-size arms. **Price** is approximate retail.