

Validated BP Monitors for Home Use

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Manufacturer	Model	Type	Validated by
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Under £50

Kinetik Wellbeing	TMB-1970 (Derivative of TMB-986)	Upper Arm	Independent
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Features:

90 reading memory, 22-42cm cuff included, 4 x AAA battery included, automatic inflation, one button operation

References:

Wen Jun Liu, Su Gang Li, Zhe Song and Wei Gong. Validation of the TRANSTEK blood pressure monitor TMB-986 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2015, 20:278-280

Fleming Medical	Medicare LifeSense A1 Blood Pressure Monitor - MD 1814 (Derivative of TMB-1776)	Upper Arm	Independent
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References:

Zhonghua Liu and Liji Chen
Validation of Transtek TMB-1776 according to European Society of Hypertension International Protocol revision 2010 in adults
Blood Pressure Monitoring 2019, 24:319-322

Kinetik Wellbeing	WBP1 (Derivative of Transtek TMB-1491)	Upper Arm	Independent
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Features:

90 Reading Memory, 22-42cm cuff included, 4 x AAA battery included, Irregular heartbeat detectio, Automatic inflation, One button operation

References:

Tian H, Zeng S, Zhong X, Gong W and Liu W. Validation of Transtek blood pressure monitor TMB-1491 for self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:280-282

Kinetik Wellbeing	WPB3 (Derivative of TMB-988)	Wrist	Independent
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Features:

2 x 60 reading memory, 13.5-21.5cm cuff, 2 x AAA battery included, irregular heartbeat detection, averages readings automatic inflation, one button operation, positioning sensor and WHO indicator

References:

Hui Yong Tian, Wen Jun Liu, Su Gang Li, Zhe Song and Wei Gong
Validation of the TRANSTEK TMB-988 wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol
Blood Pressure Monitoring, 2010, 15: 326-328

Manufacturer	Model	Type	Validated by
Kinetik Wellbeing	TMB-2080 (Derivative of TMB-1491)	Upper Arm	Independent
Features:			
2 x 90 reading memory (plus guest mode), 22-42cm cuff included, 4 x AAA battery included, movement detection indicator, cuff wrap detection, irregular heartbeat detection, averages readings, WHO indicator, automatic inflation, one button operation			
References:			
Huiyong Tian, Sijian Zeng, Xiaoyan Zhong, Wei Gong and Wenjun Liu. Validation of Transtek blood pressure monitor TMB-1491 for self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015. 20:280-282			
A&D;	UA-705	Upper Arm	Independent
Features:			
30 reading memory, manual inflation. 1 x AA battery			
Notes:			
Minor protocol violation; only 2 observers used in the validation study			
References:			
Verdecchia P, Angeli F, Gattobigio R, Angeli E, Pede S & Pittavini L. Validation of the A&D UA-705 device for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension. Vascular Health & Risk Management 2007; 3(4):1-12			
A&D;	UA-704	Upper Arm	Independent
Features:			
30 reading memory, manual inflation. 1 x AA battery			
Notes:			
Minor protocol violation; only 2 observers used in the validation study			
References:			
Kobolava ZD, Kotosvkya YV & Rodionov E. Validation of semi-automatic device UA704 for self-measurement of blood pressure. Blood Pressure Monitoring 2005, 10(4):223-225			
Andon Health Co. Ltd	iHealth Track KN-550BT (Derivative of Andon KD-5917)	Upper Arm	Independent
References:			
Guo WG, Li BL, He Y, Zue YS, Wang HY, Zheng QS, Xiang DC. Validation of the Andon KD-5917 automatic upper arm blood pressure monitor for clinic use and self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:242-245			
Braun	BP VitalScan Plus 1650	Wrist	Independent
Features:			
2 x AAA Alkaline Batteries			
References:			
Nolly H, Osso P, Nolly A, Silva M, Nolly M & Romero M. Self-measurement of blood pressure: validation of the Braun BP VitalScan Plus 1650 monitor according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2008, 13:101-106			
Citizen	CH 656C	Wrist	Independent

Manufacturer	Model	Type	Validated by
Features:			
2 x LR03 Batteries			
References:			
Cotte UV, Faltenbacher VH, von Willich Werner & Bogner JR. Trial of validation of two devices for self-measurement of blood pressure according to the European Society of Hypertension International Protocol: the Citizen CH-432B and the Citizen CH-656C. Blood Pressure Monitoring 2008, 13:55-62			
Citizen	CH 432B	Upper Arm	Independent
Features:			
2 x LR03 Batteries			
References:			
Cotte UV, Faltenbacher VH, von Willich Werner & Bogner JR. Trial of validation of two devices for self-measurement of blood pressure according to the European Society of Hypertension International Protocol: the Citizen CH-432B and the Citizen CH-656C. Blood Pressure Monitoring 2008, 13:55-62			
Health & Life	HL888HA	Upper Arm	Independent
Features:			
4 x AA batteries			
Notes:			
Minor protocol violation; only 2 observers used in the validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
HoMedics	BPA 2000 (Derivative of Transtek TMB 986)	Upper Arm	Independent
Features:			
4 x AA batteries, AC Adapter			
References:			
Liu WJ, Li SG, Song Z & Gong W. Validation of the Transtek blood pressure monitor TMB-986 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2010, 15:279-280.			
HoMedics	BPW 1000 (Derivative of Transtek TMB-988)	Wrist	Independent
References:			
Tian HY, Liu WJ, Li SG, Song Z & Gong W. Validation of the Transtek blood pressure monitor TMB-988 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2010, 15:326-328.			
Honsun	LD 578	Upper Arm	Independent
References:			
Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128			
Honsun / Suresign	LD 3 (Derivative of LD 578)	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
References:			
Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128-131			
Microlife	BP3AG1 (Derivative of 3BTO-A)	Upper Arm	Independent
Features:			
Last reading memory. 4 x AA batteries, mains adaptor available			
Notes:			
Minor protocol violation; only 2 observers used in the validation study			
References:			
Cuckson AC, Reinders A Shabeeh H & Shennan A. Validation of the Microlife BP 3BTO-A oscillometric blood pressure monitoring device according to a modified British Hypertension Society protocol. Blood Pressure Monitoring 2002, 7(6):319-324			
Microlife	W2 Slim	Wrist	Independent
References:			
Bing S, Chen K, Hou H, Zhang W, Li L, Wei J, Shu C and Wan Y. Validation of the Microlife BP A200 Comfort and W2 Slim automated blood pressure monitors in a general adult population according to the European Society of Hypertension and the ANSI/AAMI/ISO 81060-2:2013 protocols. Blood Pressure Monitoring 2016, 21:118-123			
Microlife	BPA3 (Derivative of BP 3BTO-A)	Upper Arm	Independent
References:			
Validation of the Microlife BP 3BTO-A oscillometric blood pressure monitoring device according to a modified British Hypertension Society protocol. Cuckson AC, Reinders A, Shabeeh H, Shennan AH. Blood Pressure Monitoring 2002, 7 (6): 319-324			
Seinex (Forecare)	SE-9400	Upper Arm	Independent
Features:			
140 reading memory. 4 x AA batteries			
References:			
Topouchian JA, El Assaad MA, Orobinskaia LV, El Feghali RN & Asmar RG. Validation of two automatic devices for self-measurement of brachial blood pressure according to the International Protocol of the European Society of Hypertension: the Seinex SE-9400 and the Microlife BP 3AC1-1. Blood Pressure Monitoring 2005, 10(6):325-331			
Under £100			
Omron Healthcare	M3 Comfort (HEM-7134-E)	Upper Arm	Independent
Notes:			
Also Validated for home use in pregnancy and pre-eclampsia according to the 'Universal Protocol'			
References:			
Takahashi H. Validation of home blood pressure monitoring devices Omron EVOLV (HEM-7600T-E), HEM-9210T and M3 Comfort (HEM-7134-E) according to European Society of Hypertension International Protocol (ESH_IP) Revision 2010. J. Clin. Physiol, Vol.48, No. 1, 2018			
Topouchian J, Hakobyan Z, Asmar J, Gurgonian S, Zelveian P, Asmar R. Clinical accuracy of the Omron M3 Comfort and the Omron Evolv for self-blood pressure measurements in pregnancy and pre-eclampsia - validation according to the Universal Standard Protocol. Vascular Health & Risk Management 2018:14 189-197			

Manufacturer	Model	Type	Validated by
Omron Healthcare	M2 (HEM-7121-E) (Derivative of Omron HEM-7130)	Upper Arm	Independent

Notes:

NOTE: HEM model number. This is not the same as the M2 (HEM-7117-E)

References:

Takahashi H, Yoshika M and Yokoi T. Validation of three automatic devices for the self-measurement of blood pressure according to the European Society of Hypertension International Protocol revision 2010: the Omron HEM-7130, HEM-7320F and HEM-7500F. Blood Pressure Monitoring 2015, 20:92-97

Omron Healthcare	M2 Basic (HEM-7116-E) (Derivative of M3-I (HEM-7051-E))	Upper Arm	Independent
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Features:

Previous memory only

References:

Asmar R, Khabouth J, Topouchian J, El Faghali R & Mattar J. Validation of three automatic devices for self-measurement of blood pressure according to the International Protocol: The Omron M3 Intellisense (HEM-7051-E), the Omron M2 Compact (HEM-7102-E) and the Omron R3-I Plus (HEM-6022-E). Blood Pressure Monitoring 2010, 15:49-54

Omron Healthcare	M2 Compact (HEM-7102-E)	Upper Arm	Independent
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Features:

14 Reading memory

References:

Asmar R, Khabouth J, Topouchian J, El Faghali R & Mattar J. Validation of three automatic devices for self-measurement of blood pressure according to the International Protocol: The Omron M3 Intellisense (HEM-7051-E), the Omron M2 Compact (HEM-7102-E) and the Omron R3-I Plus (HEM-6022-E). Blood Pressure Monitoring 2010, 15:49-54

Omron Healthcare	HEM-7155T-EBK-M4 Intelli IT (Derivative of BP760N (HEM-7320-Z))	Upper Arm	Independent
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References:

Hakuo Takahashi, Masamichi Yoshika, and Toyohiko Yokoi
Validation of two automatic devices for the self-measurement of blood pressure according to the ANSI/AAMI/ISO81060-2:2009 guidelines: the Omron BP765 (HEM-7311-ZSA) and the Omron BP760N (HEM-7320-Z)
Vascular Health and Risk Management, 2015; 11: 49-53

Omron Healthcare	M2 Basic (HEM-7120-E) (Derivative of Omron HEM-7130)	Upper Arm	Independent
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Notes:

NOTE: This is not the same as the M2 Basic (HEM-7116-E) device

References:

Takahashi H, Yoshika M, Yokoi T. Validation of three automatic devices for the self-measurement of blood pressure according to the European Society of Hypertension International Protocol revision 2010: the Omron HEM-7130, HEM-7320F and HEM-7500F. Blood Pressure Monitoring 2015, 20:92-97

Manufacturer	Model	Type	Validated by
Omron Healthcare	HEM-7155-E-M3 Comfort (Derivative of BP760N (HEM-7320-Z))	Upper Arm	Independent

References:

Hakuo Takahashi, Masamichi Yoshika, and Toyohiko Yokoi
Validation of two automatic devices for the self-measurement of blood pressure according to the ANSI/AAMI/ISO81060-2:2009 guidelines: the Omron BP765 (HEM-7311-ZSA) and the Omron BP760N (HEM-7320-Z)
Vascular Health and Risk Management, 2015; 11: 49-53

Kinetik Wellbeing	TMB - 2088 (Derivative of TMB - 986)	Upper Arm	Independent
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Features:

2 x 250 reading memory (plus guest mode), 22-42cm cuff included, 4 x AA battery included, movement detection indicator, cuff wrap detection, BP trend display, Bluetooth sync results, irregular heartbeat detection, averages readings, WHO indicator, automatic inflation, one button operation

References:

Wen Jun Liu, Su Gang Li, Zhe Song and Wei Gong. Validation of the TRANSTEK blood pressure monitor TMB-986 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2015, 20:278-280

A&D;	UA-85X series comprising UA-851/2/3/4/5	Upper Arm	Independent
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Notes:

Prices vary between models

References:

Bonso E, Ragazzo F & Palatini P. Validation of A&D UA-85X device for blood pressure measurement. Blood Pressure Monitoring 2008, 13:339-341

A&D;	UA-1030T (Derivative of UA-1020)	Upper Arm	Independent
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Features:

50 reading memory. D-ring and cylindrical-shaped cuff available. Voice speaks BP reading

References:

Wei-Fang Z, Yuan-Yuan K, Ming L, Yan L and Ji-Guang W. Validation of the A&D UA-1020 upper-arm blood pressure monitor for home blood pressure monitoring according to the British Hypertension Society Protocol. Blood Pressure Monitoring 2013, 18:177-181

A&D;	UA-1020	Upper Arm	Independent
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Features:

4 x AA batteries or mains adaptor. 90 reading memory. D-ring or cylindrical-shaped cuffs

References:

Wei-Fan Z, Yuan-Yuan K, Ming L, Yan L and Ji-Guang W. Validation of the A&D UA-1020 upper-arm blood pressure monitor for home blood pressure monitoring according to the British Hypertension Society Protocol. Blood Pressure Monitoring 2013, 18:177-181

A&D;	UA-767 Plus	Upper Arm	Independent
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Manufacturer	Model	Type	Validated by
Features:			
30 reading memory. 4 x AA batteries mains adaptor available			
Notes:			
Minor protocol variation; only 2 observers used in the validation study			
References:			
Verdecchia P, Angeli F, Poeta F, Reboldi GP, Borgioni C, Pittavini L & Porcellati C. Validation of the A&D UA-774 (UA-767 Plus) device for self-measurement of blood pressure. Blood Pressure Monitoring 2004, 9(4):225-229			
A&D;	UA-1010 (Derivative of UA-1020)	Upper Arm	Independent
Features:			
50 reading memory			
References:			
Wei-Fan Z, Yuan-Yuan K, Ming L, Yan L and Ji-Guang W. Validation of the A&D UA-1020 upper-arm blood pressure monitor for home blood pressure monitoring according to the British Hypertension Society Protocol. Blood Pressure Monitoring 2013, 18:177-181			
A&D;	BP UB-542	Wrist	Independent
Notes:			
AF detection in this device does not mean that it will accurately measure blood pressure in patients with AF			
References:			
Saldini F, Benetti E, Fania C and Palatini P. Validation of the A&D BP UB-542 wrist device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2013, 18:219-222			
A&D;	UA-787	Upper Arm	Independent
Features:			
60 reading memory. 4 x AA batteries			
Notes:			
Standard cuff fits 22-43cm			
References:			
Longo D, Toffanin G, Garelotto R, Zaetta V, Businaro L & Palatini P. Performance of the UA-787 oscillometric blood pressure monitor according to the European Society of Hypertension protocol. Blood Pressure Monitoring 2003, 8(2):91-95			
A&D;	UA-651	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Features:			
4 batteries, AC adapter			
Notes:			
Also validated for use with a wide-range cuff: 22-42 cm			
References:			
Benetti E, Fania C and Palatini P. Validation of the A&D BP UA-651 device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:50-53. Benetti E, Fania C and Palatini P. Validation of the A&D BP UA-651 device with a wide-range cuff for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:164-167			
A&D;	UA-782 (Derivative of UA-787)	Upper Arm	Independent
Features:			
90 reading memory, 4 x AA batteries, E-fit cuff fits arm 17-32cm			
References:			
Longo D, Toffanin G, Garelotto R, Zaetta V, Businaro L & Palatini P. Performance of the UA-787 oscillometric blood pressure monitor according to the European Society of Hypertension protocol. Blood Pressure Monitoring 2003, 8(2):91-95			
A&D;	UA-774	Upper Arm	Independent
Features:			
2 x 30 reading memory. 4 x AA batteries, mains adaptor available			
Notes:			
Minor protocol violation; only 2 observers used in the validation study			
References:			
Verdecchia P, Angeli F, Poeta F, Reboldi GP, Borgioni C, Pittavini L & Porcellati C. Validation of the A&D UA-774 (UA-767 Plus) device for self-measurement of blood pressure. Blood Pressure Monitoring 2004, 9(4):225-229			
A&D;	UA-767	Upper Arm	Independent
Features:			
4 AA batteries			
Notes:			
Lower accuracy at upper pressure range. Minor protocol violation; only 2 observers used in the validation study			
References:			
Rogoza AN, Pavlova TS & Sergeeva MV. Validation of A&D UA-767 device for the self-measurement of blood pressure. Blood Pressure Monitoring 2000, 5:227-231			
A&D;	UA-779	Upper Arm	Independent
Features:			
7 reading memory. 4 x AA batteries			
References:			
Longo D, Bertolo O, Toffanin G, Frezza P & Palatini P. Validation of the A&D UA-631 (UA-779 Life Source) device for self-measurement of blood pressure and relationship between its performance and large artery compliance. Blood Pressure Monitoring 2002, 7(4):243-248			

Under £100

A&D;	UA-611 (Derivative of UA-651)	Upper Arm	Independent
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Features:

4 x AAA batteries

Notes:

50 reading memory

References:

Bennetti E, Fania C and Palatini P. Validation of the A&D BP UA-651 device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:50-53

Andon Health Co. Ltd	iHealth View BP7S (Derivative of iHealth Sense BP7)	Wrist	Independent
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References:

QingW, Huadong Z, Wan C, Ni L, Yi W. Validation of the iHealth BP7 wrist blood pressure monitor for self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:54-57

Andon Health Co. Ltd	iHealth Sense BP7	Wrist	Independent
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Features:

Wireless wrist device. Bluetooth technology shares data with iOS devices.

References:

Wang Q, Zhao H, Chen W, Li N and Wan Y. Validation of the iHealth BP7 wrist blood pressure monitor for self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:54-57

Andon Health Co. Ltd	iHealth Feel BP5	Upper Arm	Independent
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Features:

Wireless device. Bluetooth technology shares data with iOS devices

References:

Shang F, Zhu Y, Zhu Z, Liu L and Wan Y. Validation of the iHealth BP5 wireless upper arm blood pressure monitor for self-measurement according to the European Society of Hypertension International Protocol revision 2010

EuroMedix	Stabil-o-graph	Upper Arm	Independent
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Manufacturer	Model	Type	Validated by
Features:			
Infra-red interface, AFL gentle measurement, bluetooth output. 2 x AA batteries			
References:			
Westhoff TH, Schmidt S, Zidek W & van der Giet M. Validation of the Stabil-O-Graph blood pressure self-measurement device. Journal of Human Hypertension 2007, Sept, Research Letter			
Fleming Medical	Medicare Lifesense A2 (Derivative of HL868ZA)	Upper Arm	Independent
References:			
e Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Fleming Medical	Medicare Lifesense A5 Blood Pressure Monitor - MD1806 (Derivative of TMB-1776)	Upper Arm	Independent
References:			
Liu, Zhonghua; Chen, Liyi. Validation of Transtek TMB-1776 according to European Society of Hypertension International Protocol revision 2010 in adults. Blood Pressure Monitoring 2019. 24(6):319-322			
HoMedics	360-EU (Derivative of Oregon Scientific BPU 330)	Upper Arm	Independent
Features:			
6 x 30 reading memory			
References:			
Li L, Zhang X, Yan C & Liang Q. Validation of the Oregon Scientific BPU 330 for self-monitoring of blood pressure according to the International Protocol. Vascular Health and Risk Management 2008, 4(5):1121-1125			
HoMedics	BPA-3000 (Derivative of Transtek TMB-986)	Upper Arm	Independent
Features:			
4 x AAA batteries, AC adapter			
References:			
Liu WJ, Li SG, Song Z & Gong W. Validation of the Transtek blood pressure monitor TMB-986 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2010, 15:279-280.			
Kessler	KS551 (Derivative of Rossmax ME701)	Upper Arm	Independent
References:			
deGreef A & Shennan AH. The Rossmax (ME701 series) upper arm device: accuracy assessment in an adult population according to the International and the British Hypertension Society protocols. Blood Pressure Monitoring 2008, 13:43-48			
Microlife	BP A200 Comfort	Upper Arm	Independent
References:			
Bing S, Chen K, Hou H, Zhang W, Li L, Wei J, Shu C and Wan Y. Validation of the Microlife BP A200 Comfort and W2 Slim automated blood pressure monitors in a general adult population according to the European Society of Hypertension and the ANSI/AAMI/ISO 81060-2:2013 protocols. Blood Pressure Monitoring 2016, 21:118-123			

Manufacturer	Model	Type	Validated by
Microlife	WatchBP Home - Pregnancy Only	Upper Arm	Independent

Notes:

Validated for home use in pregnancy only

References:

Clark K, Snowball O, Nzelu D, Kay P, Kametas A. Validation of the Microlife WatchBP Home blood pressure device in pregnancy for medium and large arm circumferences. Blood Pressure Monitoring 2018, 23:171-174

Microlife	BP A100 Plus	Upper Arm	Independent
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Features:

200 reading memory. 4 x AA batteries mains adaptor available

References:

Stergiou GS, Giovas PP, Neofytou MS & Adamopoulos DN. Validation of the Microlife BP A100 Plus device for self-home blood pressure measurement according to the International Protocol. Blood Pressure Monitoring 2006, 11(3):157-160

Microlife	A100 (Derivative of Microlife 3BTO-A)	Upper Arm	Independent
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Features:

Last reading memory, 4 x AA batteries

Notes:

Arrhythmia detection in this device does not mean that this device has been validated for use in patients with arrhythmia. Minor protocol violation; only 2 observers used in the validation study. Also validated using a standard cuff of a range of arm circumferences

References:

Cuckson AC, Reinders A Shabeeh H & Shennan A. Validation of the Microlife BP 3BTO-A oscillometric blood pressure monitoring device according to a modified British Hypertension Society protocol. Blood Pressure Monitoring 2002, 7(6):319-324.
Bonso E, dorigatti F & Palatini P. Accuracy of the BP A100 blood pressure measuring device coupled with a single cuff with standard-sized bladder over a wide range of arm circumferences. Blood Pressure Monitoring 2009, 14:216-219

Microlife	BP B1 Classic(Derivative of BP B3 AFIB)	Upper Arm	Independent
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References:

Beate Beime, Carsten Bramlage, Ralf Kruger, Cornelia Deutsch, Gesine Van Mark, Peter Bramlage, Beate Botta. Validation of the Microlife BP B3 AFIB upper arm blood pressure monitor in adults and adolescents according to the ANSI/AAMI/ISO 81060-2:2019 protocol.2021 Aug 1;26(4):299-304.

Microlife	BP B2 Classic(Derivative of BP B3 AFIB)	Upper Arm	Independent
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References:

Beate Beime, Carsten Bramlage, Ralf Kruger, Cornelia Deutsch, Gesine Van Mark, Peter Bramlage, Beate Botta. Validation of the Microlife BP B3 AFIB upper arm blood pressure monitor in adults and adolescents according to the ANSI/AAMI/ISO 81060-2:2019 protocol.2021 Aug 1;26(4):299-304.

Omron Healthcare	RS6 (HEM-6221-E)	Wrist	Independent
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Features:

Positioning sensor. 2 x LR03 batteries. 90 reading memory

References:

Takahashi H, Yoshika M, Yokoi T. Validation of Omron RS8, RS6 and RS3 home blood pressure monitoring devices, in accordance with the European Society of Hypertension International Protocol 2010. Vascular Health and Risk Management 2013;9 265-272

Omron Healthcare	M2 (HEM-7117) (Derivative of M3-I (HEM-7051-E))	Upper Arm	Independent
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Features:

21 reading memory

References:

Asmar R, Khabouth J, Topouchian J, El Faghali R & Mattar J. Validation of three automatic devices for self-measurement of blood pressure according to the International Protocol: The Omron M3 Intellisense (HEM-7051-E), the Omron M2 Compact (HEM-7102-E) and the Omron R3-I Plus (HEM-6022-E). Blood Pressure Monitoring 2010, 15:40-54

Omron Healthcare	RS2 (HEM-6121-E) (Derivative of Omron RS3 (HEM-6130-E))	Wrist	Independent
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References:

Takahashi H, Yoshika M, and Yokoi T. Validation of Omron RS8, RS6 and RS3 Home blood pressure monitoring devices, in accordance with the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2013, 9:265-272

Omron Healthcare	HEM - 7143T -EBK (Derivative of HEM-7130)	Upper Arm	Independent
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References:

Takahashi H, Yoshika M, Yokoi T.
Validation of three automatic devices for the self-measurement of blood pressure According to the European Society of Hypertension International Protocol revision 2010 the Omron HEM-7130, HEM-7320F, and HEM-7500F
Blood Pressure Monitoring 2015: 20:92-97

Omron Healthcare	HEM - 7143E (Derivative of HEM-7130)	Upper Arm	Independent
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References:

Takahashi H, Yoshika M, Yokoi T.
Validation of three automatic devices for the self-measurement of blood pressure According to the European Society of Hypertension International Protocol revision 2010 the Omron HEM-7130, HEM-7320F, and HEM-7500F
Blood Pressure Monitoring 2015: 20:92-97

Omron Healthcare	HEM - 7121J-E (Derivative of HEM-7130)	Upper Arm	Independent
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References:

Takahashi H, Yoshika M, Yokoi T.
Validation of three automatic devices for the self-measurement of blood pressure According to the European Society of Hypertension International Protocol revision 2010 the Omron HEM-7130, HEM-7320F, and HEM-7500F
Blood Pressure Monitoring 2015: 20:92-97

Omron Healthcare	M1 (HEM-4030-C-E) (Derivative of M1 Plus (HEM-4011C-E))	Upper Arm	Independent
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Features:

14 reading memory, 2 AAA batteries

References:

Belghazi J, El Feghali RN, Moussalem T, Rejdych M & Asmar R. Validation of four automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension. Vascular Health & Risk Management 2007, 3(4):1-12

Omron Healthcare	M3 (HEM-7200-E)	Upper Arm	Independent
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Manufacturer	Model	Type	Validated by
<p>Features:</p> <p>Cuff wrapping guide indicator, 60 reading memory</p>			
<p>References:</p> <p>Topouchian J, Agnoletti D, Blacher J, Youssef A, Ibanez I, Khabouth J, Khawaja S, Beaino L, Asmar R. Validation of four automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension. <i>Vascular Health & Risk Management</i> 2011;7 709-717</p>			
Omron Healthcare	M3 Intellisense (HEM-70-51-E)	Upper Arm	Independent
<p>Features:</p> <p>Intellisense technology ensures that cuff is inflated to a comfortable level, detects irregular pulse</p>			
<p>References:</p> <p>Asmar R, Khabouth J, Topouchian J, El Faghali R & Mattar J. Validation of three automatic devices for self-measurement of blood pressure according to the International Protocol: The Omron M3 Intellisense (HEM-7051-E), the Omron M2 Compact (HEM-7102-E) and the Omron R3-I Plus (HEM-6022-E). <i>Blood Pressure Monitoring</i> 2010, 15:40-54</p>			
Oregon Scientific	BPW810	Upper Arm	Independent
<p>Features:</p> <p>2 x AAA Alkaline Batteries</p>			
<p>References:</p> <p>Li Li, Wang Hui & Wu Jin Lan. Validation of the Oregon Scientific BPW810 blood pressure monitor according to the European Society of Hypertension Protocol. <i>Blood Pressure Monitoring</i> 2006, 11: 343-347</p>			
Panasonic	EW 3109	Upper Arm	Independent
<p>Features:</p> <p>90 reading memory</p>			
<p>References:</p> <p>Bonso E, Dorigatti F & Palatini P. Validation of Panasonic EW3106 and EW 3109 devices for blood pressure measurement according to the International Protocol. <i>Blood Pressure Monitoring</i> 2010, 15(1):55-58</p>			
Panasonic	EW 3106	Upper Arm	Independent
<p>Features:</p> <p>42 reading memory</p>			
<p>References:</p> <p>Coleman A, Freeman P, Steel S & Shennan A. Validation of the Omron 705-IT (HEM-759-E) oscillometric blood pressure monitoring device according to the British Hypertension Society Protocol. <i>Blood Pressure Monitoring</i> 2006, 11(1):27-32</p>			
Proton Healthcare	888EA (Derivative of Health & Life HL888HA)	Upper Arm	Independent
<p>Features:</p> <p>48 reading memory. 4 x AA batteries</p>			
<p>References:</p> <p>de Greef A & Shennan AH. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society Protocol. <i>Blood Pressure Monitoring</i> 2007, 12:107-111</p>			

Manufacturer	Model	Type	Validated by
Proton Healthcare	888UP (Derivative of Health & Life HL888HA)	Upper Arm	Independent
Features:			
99 reading memory			
References:			
de Greef A & Shennan AH. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society Protocol. Blood Pressure Monitoring 2007, 12:107-111			
Qardio Inc	QardioArm	Upper Arm	Independent
Features:			
Bluetooth requiring Qardio App. 4 x AAA Batteries			
References:			
Chahine MN, Topouchian J, Zelveian P, Hakobyan Z, Melkonyan A, Azaki A, Diab R, Harb A & Asmar R. Validation of BP devices QardioArm in the general population and Omron M6 Comfort in type II diabetic patients according to the European Society of Hypertension International Protocol (ESH-IP). Dovepress Dec 2017, Vol 2018:11, 11-20			
Riester	Ri-Champion N (OEM derivative of Microlife 3BTO-A)	Upper Arm	Independent
Features:			
99 reading memory. 4 x AA batteries mains adaptor available			
References:			
Cuckson AC, Reinders A, Shabeeh H & Shennan AH. Validation of the Microlife 3BTO-A oscillometric blood pressure monitoring device according to a modified British Hypertension Society protocol. Blood Pressure Monitoring 2002, 7(6):319-324			
Transtek	TMB-988	Wrist	Independent
Features:			
2 x AAA Alkaline Batteries			
References:			
Tian HY, Liu WJ, Li SG, Song Z & Gong W. Validation of the Transtek TMB-988 wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2010, 15:326-328			
Transtek	TMB-986	Upper Arm	Independent
Features:			
2 x 60 readings. 4 x AAA batteries			
References:			
Liu WJ, Li SG, Song Z & Gong W. Validation of the Transtek blood pressure monitor TMB-986 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2010, 15:287-280			
UEBE	Visomat Double Comfort	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Notes:			
Validated in both auscultatory and oscillometric mode.			
References:			
Masiero S, Fania C & Palatini P. Validation of the UEBE Visomat Double Comfort upper arm blood pressure monitor in auscultation mode for clinic use and self-measurement in a general population according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2011, 16:208-210. Masiero S, Fania C & Palatini P. Validation of the UEBE Visomat Double Comfort upper arm blood pressure monitor, in oscillometric mode, for clinic use and self-measurement in a general population according to the European Society of Hypertension International Protocol revision 2012. Blood Pressure Monitoring 2011, 16:262-264			
Over £100			
A&D;	UA-767PC (Derivative of UA-774 & UA-767 Plus)	Upper Arm	Independent
Features:			
126 reading memory, optional software for use with PC. 4 x AA batteries			
Notes:			
Minor protocol violation: only 2 observers used in the validation study			
References:			
Verdecchia P, Angeli F, Poeta F, Reboldi GP, Borgioni C, Pittavini L & Porcellati C. Validation of the A&D UA-774 (UA-767Plus) device for self-measurement of blood pressure. Blood Pressure Monitoring 2004, 9(4):225-229			
A&D;	UA-767BT (Derivative of UA-774 & UA-767 Plus)	Upper Arm	Independent
Features:			
Bluetooth output only available to telemedicine service providers. 4 x AA batteries mains adaptor available			
Notes:			
Minor protocol violation: only 2 observers used in the validation study			
References:			
Verdecchia P, Angeli F, Poeta F, Reboldi GP, Borgioni C, Pittavini L & Porcellati C. Validation of the A&D UA-774 (UA-767Plus) device for self-measurement of blood pressure. Blood Pressure Monitoring 2004, 9(4):225-229			
Omron Healthcare	M10-IT (HEM-7080IT-E) (Derivative of M6 Comfort (HEM-7000-E))	Upper Arm	Independent
Features:			
4 x AA batteries mains adaptor available			
References:			
Belghazi J, El Feghali RN, Moussalem T, Rejdych M & Asmar R. Validation of four automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension. Vascular Health & Risk Management 2007, 3(4):1-12.			
Omron Healthcare	M6 Comfort (HEM-7221-E) (Derivative of M7 (HEM-780-E))	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Features:			
One size cuff 22-42cm, 4 x AA batteries, AC mains adapter available			
References:			
Belghazi J, El Feghali RN, Moussalem T, Rejdych M & Asmar R. Validation of four automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension. <i>Vascular Health & Risk Management</i> 2007, 3(4):1-12.			
Coleman A, Steel S, Freeman P de Greeff A & Shennan A. Validation of the Omron M7 (HEM-780-E) oscillometric blood pressure monitoring device according to the British Hypertension Society. <i>Blood Pressure Monitoring</i> 2008, 13:49-54			
Omron Healthcare	M7 (HEM-780-E)	Upper Arm	Independent
Features:			
One-size cuff 22-42cm, 4 x AA batteries, AC mains adapter available			
Notes:			
Also validated for use in obese adults and pregnancy - See Specialist Use list			
References:			
Coleman A, Steel S, Freeman P, de Greeff A & shennan A. Validation of the Omron M7 (HEM-780-E) oscillometric blood pressure monitoring device according to the British Hypertension Society . <i>Blood Pressure Monitoring</i> 2008, 13:49-54.			
Omron Healthcare	RS8 (HEM-6310F-E)	Wrist	Independent
Features:			
Positioning sensor, 2 x LR03 batteries, 100 reading memory			
References:			
Takahahi H, Yoshika M, Yokoi T. Validation of Omron RS8, RS6 and RS3 home blood pressure monitoring devices, in accordance with the European Society of Hypertension International Protocol revision 2010. <i>Vascular Health and Risk Management</i> 2013:9 265-272			
Omron Healthcare	M6 (HEM-7001-E)	Upper Arm	Independent
Features:			
4 x AA batteries			
References:			
Altunkan S, Illiman N, Kayaturk N & Altunkan E. Validation of the Omron M6 (HEM-7001-E) upper-arm blood pressure measuring device according to the International Protocol in adults and obese adults. <i>Blood Pressure Monitoring</i> 2007, 12:219-225.			

Manufacturer	Model	Type	Validated by
All Manufacturers ▾	Search Model	All ▾	All ▾

Over £100

Omron Healthcare	HEM - 7530T-E3 - OMRON Complete (Derivative of HEM - 7311 -ZSA (BP765))	Upper Arm	Independent
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References:

Hakuo Takahashi, Masamichi Yoshika, and Toyohiko Yokoi
 Validation of two automatic devices for the self-measurement of blood pressure according to the ANSI/AAMI/ISO81060-2:2009 guidelines: the Omron BP765 (HEM-7311-ZSA) and the Omron BP760N (HEM-7320-Z)
 Vascular Health and Risk Management, 2015; 11: 49-53

Omron Healthcare	EVOLV (HEM-7600T-E)	Upper Arm	Independent
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Features:

Bluetooth function compatible with smart devices

Notes:

Also Validated for home use in pregnancy and pre-eclampsia according to the 'Universal Protocol'

References:

Takahashi H. Validation of home blood pressure monitoring devices Omron EVOLV (HEM-7600T-E), HEM-9210T and M3 Comfort (HEM-7134-E) according to European Society of Hypertension International Protocol (ESH_IP) Revision 2010. J. Clin. Physiol, Vol.48, No. 1, 2018


Topouchian J, Hakobyan Z, Asmar J, Gurgonian S, Zelveian P, Asmar R. Clinical accuracy of the Omron M3 Comfort and the Omron Evolv for self-blood pressure measurements in pregnancy and pre-eclampsia - validation according to the Universal Standard Protocol. Vascular Health & Risk Management 2018;14 189-197

Omron Healthcare	HEM - 7360-E- M6 Comfort (Derivative Device of BP760N (HEM7320-Z))	Upper Arm	Independent
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References:

Hakuo Takahashi, Masamichi Yoshika, and Toyohiko Yokoi
 Validation of two automatic devices for the self-measurement of blood pressure according to the ANSI/AAMI/ISO81060-2:2009 guidelines: the Omron BP765 (HEM-7311-ZSA) and the Omron BP760N (HEM-7320-Z)
 Vascular Health and Risk Management, 2015; 11: 49-53

Omron Healthcare	HEM-7361T-EBK-M7 Intelli IT (Derivative of BP760N (HEM-7320-Z))	Upper Arm	Independent
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Manufacturer	Model	Type	Validated by
References:			
<p>Hakuo Takahashi, Masamichi Yoshika, and Toyohiko Yokoi Validation of two automatic devices for the self-measurement of blood pressure according to the ANSI/AAMI/ISO81060-2:2009 guidelines: the Omron BP765 (HEM-7311-ZSA) and the Omron BP760N (HEM-7320-Z) Vascular Health and Risk Management, 2015; 11: 49-53</p>			
Omron Healthcare	HEM-9601T Nightview	Wrist	Independent
Features:			
<p>Automatically measures silently night-time blood pressure. Clinically validated accuracy in different positions, even if the wrist rotates during sleep</p>			
References:			
<p>Mitsuo Kuwabara, Kanako Harada, Yukiko Hishiki, Takayoshi Ohkubo, Kazuomi Kario, Yutaka Imai Validation of a wrist-type home nocturnal blood pressure monitor in the sitting and supine position according to the ANSI/AAMI/ISO81060-2:2013 guidelines: Omron HEM-9601T J Clinical Hypertension. 2020;00:1-9 DOI: 10.1111/jch.13864</p>			
Oregon Scientific	BPU 330	Upper Arm	Independent
References:			
<p>Li L, Zhang X, Yan C & Liang Q. Validation of the Oregon Scientific BPU 330 for self-monitoring of blood pressure according to the International Protocol. Vascular Health and Risk Management 2008, 4(5):1121-1125</p>			
Proton Healthcare	868BF (Derivative of Health & Life HL868BA)	Upper Arm	Independent
Features:			
<p>180 reading memory</p>			
References:			
<p>Chen HE, Cui Y, Sheng CS, Li LH, Li Y & Wang JG. Validation of the Health & Life HL 868BA blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International protocol. Blood Pressure Monitoring 2008, 1</p>			
Withings	BPM Connect (WPM05)	Upper Arm	Independent
References:			
<p>Jirar Topouchian, Parounak Zelveian, Zoya Hakobyan, Heghine Gharibyan, Roland Asmar Accuracy of the Withings BPM Connect Device for Self-Blood Pressure Measurements in General Population – Validation According to the Association for the Advancement of Medical Instrumentation/European Society of Hypertension/International Organization for Standardization Universal Standard Vascular Health and Risk Management 2022;18 191-200 Zelveian P, Topouchian J, Hakobyan Z, Asmar J, Gharibyan H, Asmar R Clinical Accuracy of the Withings BPM Connect for Self-Blood Pressure Measurements in Pregnancy and Pre-Eclampsia: Validation According to the Association for the Advancement of Medical Instrumentation/European Society of Hypertension/International Organization for Standardization Universal Standard Vascular Health and Risk Management, 2022, 18, 181-189</p>			
Unknown Price			
Andon Health Co. Ltd	KD - 5810 (Derivative of KD5917)	Upper Arm	

Manufacturer	Model	Type	Validated by
References:			
Wan-Gang Guo, Bing-Ling Li, Yong He, Yu-Sheng Xue, Hai-Yan Wang, Qiang-Sun Zheng and Ding-Cheng Xiang Validation of the Andon KD-5917 automatic upper arm blood pressure monitor, for clinic use and self-measurement, according to the European Society of Hypertension International Protocol revision 2010 Blood Pressure Monitoring, 2014, 19:242-245			
A&D;	UA-767S-W (Derivative of UA-651)	Upper Arm	Independent
References:			
Benetti E, Fania C and Palatini P. Validation of the A&D BP UA-651 device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:50-53. Benetti E, Fania C and Palatini P. Validation of the A&D BP UA-651 device with a wide-range cuff for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:164-167			
A&D;	TM-2657P (Derivative of TM-TM2656)	Upper Arm	Independent
References:			
Wei-Fang Zeng, Ming Liu, Yuan-Yuan Kang, Yan Li, Ji-Guang Wang Validation of the fully automated A&D TM-2656 blood pressure monitor according to the British Hypertension Society Protocol Blood Press Monitoring, 2013 Aug;18(4):223-6			
A&D;	UM-211	Clinic	Independent
Features:			
99 reading memory. 4 x AAA Batteries or AC Adapter.			
Notes:			
XL Cuff available but not tested in the validation study			
References:			
Fania C, Albertini F & Palatini P. Validation of the A&D UM-211 device for office blood pressure measurement according to the European Society of Hypertension International Protocol Revision 2010. Blood Pressure Monitoring 2017, 22:302-305			
A&D;	UA-767S (Derivative of UA-651)	Upper Arm	Independent
References:			
Benetti E, Fania C and Palatini P. Validation of the A&D BP UA-651 device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:50-53. Benetti E, Fania C and Palatini P. Validation of the A&D BP UA-651 device with a wide-range cuff for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:164-167			
A&D;	UM-201	Upper Arm	Independent
Features:			
4 x AA Batteries or AC Adapter. Latex-free cuffs. Large cuff up to 45cm			
References:			
Fania C, Albertini F & Palatini P. Validation of the A&D UM-201 device for office blood pressure measurement according to the European Society of Hypertension International Protocol Revision 2010. Blood Pressure Monitoring 2017, 22:234-237			
A&D;	BP UB-543	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Features:			
Correct position guidance indicator. 2 batteries			
References:			
Fania C, Benetti E, Palatini P. Validation of the A&D BP UB-543 wrist device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:237-240			
ASPEN/Rossmax	CF155f (Derivative of CF175)	Upper Arm	Independent
References:			
Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107			
ASPEN/Rossmax	C5 (Derivative of CF175)	Upper Arm	Independent
References:			
Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107			
Alvita / Kinetik Wellbeing	TMB-2083-N (Derivative Device of TMB - 1491)	Upper Arm	Independent
References:			
Huiyong Tian, Sijian Zeng, Xiaoyan Zhong, Wei Gong and Wenjun Liu Validation of Transtek blood pressure monitor TMB-1491 for self-measurement according to the European Society of Hypertension International Protocol revision 2010 Blood Pressure Monitoring, 2015, Vol 20 No 5, 280-282			
Alvita / Kinetik Wellbeing	TMB-1970 (Derivative of TMB-986)	Upper Arm	Independent
References:			
Wen Jun Liu, Su Gang Li, Zhe Song and Wei Gong. Validation of the TRANSTEK blood pressure monitor TMB-986 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2015. 20:278-280			
Alvita / Kinetik Wellbeing	TMB-1117-S (Derivative of TMB-988)	Wrist	Independent
References:			
Hui Yong Tian, Wen Jun Liu, Su Gang Li, Zhe Song and Wei Gong Validation of the TRANSTEK TMB-988 wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol Blood Pressure Monitoring 2010, Vol 15 No 6, 326-328			
Alvita / Kinetik Wellbeing	TMB - 1491-S (Derivative of TMB-1491)	Upper Arm	Independent
References:			
Huiyong Tian, Sijian Zeng, Xiaoyan Zhong, Wei Gong and Wenjun Liu Validation of Transtek blood pressure monitor TMB-1491 for self-measurement according to the European Society of Hypertension International Protocol revision 2010 Blood Pressure Monitoring, 2015, Vol 20 No 5, 280-282, doi: 10.1097/MBP.000000000000125.			
Andon Health Co. Ltd	iHealth Neo BP5S (Derivative of iHealth BP5)	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Features:			
Wireless device with integral cuff			
References:			
Fujun S, Yizheng Z, Zhenlai Z, Lei L and Yi W. Validation of the iHealth BP5 wireless upper arm blood pressure monitor for self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2013, 18:278-261			
Andon Health Co. Ltd	KD-595 (Derivative of Andon KD-5915)	Upper Arm	Independent
References:			
Qi-Fang H, JieW, Chang-Sheng S, Na-Na Z, Yan L & JL-Guang W. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 5:232-234			
Andon Health Co. Ltd	KD-5917	Upper Arm	Independent
References:			
Guo WG, Li BL, He Y, Xue YS, Wang HY, Zheng QS, Xiang DC. Validation of the Andon KD-5917 automatic upper arm blood pressure monitor, for clinic use and self-measurement, according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:242-245			
Andon Health Co. Ltd	KD-5915	Upper Arm	Independent
References:			
Qi-Fang H, JieW, Chang-Sheng S, Na-Na Z, Yan L & JL-Guang W. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 5:232-234			
Andon Health Co. Ltd	KD-5001 (Derivative of Andon KD-5915)	Upper Arm	Independent
References:			
Qi-Fang H, JieW, Chang-Sheng S, Na-Na Z, Yan L & JL-Guang W. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 5:232-234			
Andon Health Co. Ltd	KD-5901/02/05/09/17/18/61/62/71 (All derivative models of Andon KD-5915)	Upper Arm	Independent
References:			
Qi-Fang H, JieW, Chang-Sheng S, Na-Na Z, Yan L & JL-Guang W. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 5:232-234			
Andon Health Co. Ltd	KD-5851	Upper Arm	Independent
References:			
Wu L, Jiao Y, Wang C, Chen L, Di D and Zhang H. Validation of teh Andon KD-5851 upper arm blood pressure monitor for self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:228-231			
Andon Health Co. Ltd	KD-558 (Derivative of Andon KD-5915)	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
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References:

Qi-Fang H, JieW, Chang-Sheng S, Na-Na Z, Yan L & JL-Guang W. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 5:232-234

Andon Health Co. Ltd	KD-557 (Derivative of Andon KD-5915)	Upper Arm	Independent
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References:

Qi-Fang H, JieW, Chang-Sheng S, Na-Na Z, Yan L & JL-Guang W. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 5:232-234

Andon Health Co. Ltd	KD-5810 (Derivative of KD-5965)	Upper Arm	Independent
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References:

Jinhua Huang, Zhijie Li, Guimei Li and Zhaoying Liu
Validation of the Andon KD-5965 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010;
Blood Pressure Monitoring, 2015, 20:283–285

Andon Health Co. Ltd	KD-5811 (Derivative of KD-5917)	Upper Arm	Independent
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References:

Wan-Gang Guo, Bing-Ling Li, Yong He, Yu-Sheng Xue, Hai-Yan Wang, Qiang-Sun Zheng and Ding-Cheng Xiang
Validation of the Andon KD-5917 automatic upper arm blood pressure monitor, for clinic use and self-measurement, according to the European Society of Hypertension International Protocol revision 2010
Blood Pressure Monitoring, 2014, 19:242–245

Andon Health Co. Ltd	KD-5811 (Derivative of KD-5965)	Upper Arm	Independent
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References:

Jinhua Huang, Zhijie Li, Guimei Li and Zhaoying Liu
Validation of the Andon KD-5965 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010;
Blood Pressure Monitoring, 2015, 20:283–285

Andon Health Co. Ltd	KD-551 (Derivative of KD-5917)	Upper Arm	Independent
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References:

Wan-Gang Guo, Bing-Ling Li, Yong He, Yu-Sheng Xue, Hai-Yan Wang, Qiang-Sun Zheng and Ding-Cheng Xiang
Validation of the Andon KD-5917 automatic upper arm blood pressure monitor, for clinic use and self-measurement, according to the European Society of Hypertension International Protocol revision 2010
Blood Pressure Monitoring, 2014, 19:242–245

Andon Health Co. Ltd	BM-091 (Derivative of KD-5915)	Upper Arm	Independent
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References:

Qi-Fang H, JieW, Chang-Sheng S, Na-Na Z, Yan L & JL-Guang W. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 5:232-234

Andon Health Co. Ltd	KD - 551 (Derivative of KD-5965)	Upper Arm	Independent
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Manufacturer	Model	Type	Validated by
References:			
<p>jinhua Huang, Zhijie Li, Guimei Li and Zhaoying Liu Validation of the Andon KD-5965 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010; Blood Pressure Monitoring 2015, 20:283-285</p>			
Andon Health Co. Ltd	Desa Pharma Tecnico Easy KD-558 (Derivative of Andon KD-5917)	Upper Arm	Independent
References:			
<p>Guo WG, Li BL, He Y, Zue YS, Wand HY, Zheng QS and Ziang DC. Validation of the Andon KD-5917 automatic upper arm blood pressure monitor for clinic use and self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood pressure Monitoring 2014, 19: 242-245</p>			
Andon Health Co. Ltd	iHealth BP3	Upper Arm	Independent
Features:			
<p>Dock for Apple touch devices using an app of a BP monitoring system.</p>			
References:			
<p>Chen C, Shang F, Wang J, Chen J, Ji N and Wan Y. Validation of the iHealth BP3 upper-arm blood pressure monitor for clinic use and self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2012, 17:253-256</p>			
Andon Health Co. Ltd	KD-5965	Upper Arm	Independent
References:			
<p>Huang J, Li Z, Li G and Liu Z. Validation of the Andon KD-5965 upper-arm blood pressure monitor for home blood pressure monitoring according to the Euripan Society of Hypertension International Protocol revision 2010. Blood pressure Monitoring 2015, 20:283-285</p>			
Aseptika	Activ8rlives BP3 (Derivative of Transtek TMB-1491)	Upper Arm	Independent
References:			
<p>Tian H, Zeng S, Zhong X, Gong W and Liu W. Validation of Transtek blood pressure monitor TMB-1491 for self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:280-282</p>			

Manufacturer	Model	Type	Validated by
All Manufacturers ▾	Search Model	All ▾	All ▾

Unknown Price

Avita	BPM17	Wrist	Independent
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Features:

2 x AAA Batteries. 2 x 90 reading memory

References:

Kang YY, Chen Q, Liu CY, Li Y & Wang JG. Validation of the AVITA BPM17 wrist blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol Revision 2010. Blood Pressure Monitoring 2017, 22:230-233

Avita	BPM63S	Upper Arm	Independent
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Features:

2 x 60 memory readings. 4 x AA Batteries

References:

Kang YY, zen WF, Liu M, Li Y and Wang JG. Validation of the AVITA BPM63S upper arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:46-49

Avita	BPM64	Upper Arm	Independent
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Features:

2 x 90 reading memory.
2 x AA Batteries

References:

Kang YY, Chen Q, Liu CY, Li Y & Wang JG. Validation of the AVITA BPM64 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2018, 23:45-48

Avita	BPM15S	Wrist	Independent
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Features:

2 x AAA batteries, 2 x 90 reading memory

References:

Kang YY, Zeng WF, Zhang L, Li Y, Wang JG. Validation of the AVITA BPM15S wrist blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:183-186

BPUMP	BF112	Upper Arm	Independent
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Manufacturer	Model	Type	Validated by
Features:			
90 reading memory			
References:			
Chen Q, Kang YY, Li Y and Wang Ji-Guang. Validation of the BPUMP BF1112 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2017, 22:106-108			
Beurer	BM 28	Upper Arm	Independent
References:			
Validation of the blood pressure measurement device Beurer BM 28 according to the European Society of Hypertension International Protocol revision 2010 Cornelia Deutsch, Carsten Bramlage, Beate Botta, Ralf Krüger, Klaus Forstner, Peter Bramlage, and Beate Beime Blood Pressure Monitoring 2021, 26:292-298			
Beurer GmbH	BM44	Upper Arm	Independent
Notes:			
NB AF detection in this device does not mean that it has been validated for use in patients with AF			
References:			
Luders S, Kruger R, Zemmrich C, Forstner K, Sturm CD and Bramlage P. Validation of the Beurer BM 44 upper arm blood pressure monitor for home measurement, according to the European Society of Hypertension International Protocol 2002. Blood Pressure Monitoring 2012, 17:248-252			
Braun	BP 3550	Wrist	Independent
Features:			
2 x AAA Alkaline Batteries			
References:			
Iliman N, Altunkan S, Kayaturk N & Altunkan E. Validation of the Braun BP 3550 wrist blood pressure measuring device with a position sensor and an EasyClick cuff according to the International Protocol in Adults. Blood Pressure Monitoring 2007, 12:45-49			
Braun	BP6000, BP6100, BP6200 (All derivative Transtek TMB-986)	Upper Arm	Independent
Features:			
Dual user function. 4 x AAA batteries or AC adaptor			
References:			
Liu WJ, Li Su Gang, Song Z, Gong W. Validation of the Transtek blood pressure monitor TMB-986 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2010, 15:278-280			
Braun	BUA5000 (Derivative of Microlife BP100 Plus)	Upper Arm	Independent
References:			
Stergiou GS, Giovas PP, Neofytou MS, Adamopoulos DN. Validation of the Microlife BPA100 Plus device for self-home blood pressure measurement according to the International Protocol. Blood Pressure Monitoring: 2006, 11:157-160			
Citizen	CH-617 (Derivative of Health & Life HL-168JD)	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
References:			
Cheng CS, Huang QF Wang J, Zhang Y, Li Y and Wang JG. Validation of the Health & Life HL 168JD wrist blood pressure monitor for home blood pressure monitoring according to the international Protocol. Blood Pressure Monitoring 2009, 14:125-127			
Citizen	CH-618 (Derivative of Health & Life HL-168JD)	Upper Arm	Independent
References:			
Cheng CS, Huang QF Wang J, Zhang Y, Li Y and Wang JG. Validation of the Health & Life HL 168JD wrist blood pressure monitor for home blood pressure monitoring according to the international Protocol. Blood Pressure Monitoring 2009, 14:125-127			
Duronic	BPM 300 (Derivative of Transtek TMB-988)	Wrist	Independent
Features:			
2 x AAA Alkaline Batteries			
References:			
Tian HY, Liu WJ, Li SG, Song Z & Gong W. Validation of the Transtek TMB-988 wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2012, 15:326-328			
Duronic	BMP550 (Derivative of Transtek TMB-986)	Upper Arm	Independent
Features:			
2 x 60 readings. 4 x AAA batteries			
References:			
Liu WJ, Li SG, Song Z & Gong W. Validation of the Transtek blood pressure monitor TMB-986 for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2010, 15:287-280			
Grandway	MD2231	Wrist	Independent
Features:			
2 x AAA Alkaline Batteries			
References:			
Jiao Y, Guan Q, Wu L, Wang C & Cao L. Validation of the G.LAB MD2231 digital automatic wrist blood pressure monitor according to multiple protocols. Blood Pressure Monitoring 2017, 22:226-229			
Grandway	MD2680	Upper Arm	Independent
Features:			
4 x AA Batteries. Large Cuff up to 44cm available			
References:			
Guo YF, Zhang XQ, Fu JL, Zhang X, Shan HZ, Shi N & Yan LQ. Validation of the G.LAB MD2680 digital Automatic blood pressure monitor according to international protocols. Blood Pressure Monitoring 2017, 22 221-225			
Grandway	G.LAB MD2200	Wrist	Independent

Manufacturer	Model	Type	Validated by
Features:			
2 x 120 reading memory			
References:			
Liu ZY, Zhang QH, Ye XL, Liu DP, Cheng K, Zhang CH and Wan Y. Validation of the G.LAB MD2200 wrist blood pressure monitor according to the European Society of Hypertension, the British Hypertension Society and the International Organization for Standardization Protocols. Blood Pressure Monitoring 2017, 22:101-104			
Grandway	MD2301	Upper Arm	Independent
References:			
Chen W, Zeng ZL, Bing S, Li LY, Wang R and Wan Y. Validation of the Grandway MD2301 digital automatic blood pressure monitor according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2016, 21:259-261			
Hartmann	Tensoval Duo Controll II	Upper Arm	Independent
Features:			
Device uses a combination of auscultatory and oscillometric technology to measure BP. 4 x AA batteries			
References:			
de Greef AM, Shennan AH. Validation of the Tensoval Duo Control II blood pressure monitor for clinic use and self-measurement according to the British Hypertension Society Protocol and the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2013, 18-161-166			
Hartmann	Tensoval Duo Control	Upper Arm	Independent
References:			
de Greef A, Arora J, Hervey S, Liu B & Shennan A. Accuracy assessment of the Tensoval duo control according to the British and European Hypertension Societies' standards. Blood Pressure Monitoring 2008, 13:111-116			
Health & Life	HL168KB, ZA (Derivative of Health & Life HL168JD)	Wrist	Independent
Notes:			
AF detection in this device does not mean that it will accurately measure BP in AF patients.			
References:			
Sheng C, Huang Q, Wang J, ZhangY, Li Y & Wang J. Validation of the Health & Life HL 168JD wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2009, 14:125-127			
Health & Life	AI-H971 (Derivative of Health & Life HL888HA)	Upper Arm	Independent
Notes:			
AF detection in this device does not mean that it will accurately measure BP in AF patients. Minor protocol violation: only 2 observers used in validation study			
References:			
de Greef A & Shennan A. The Health & Life device (HL999HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Health & Life	BPM4TL (Derivative of Health & Life HL888HA)	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Notes:			
Minor protocol violation: only 2 observers used in validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Health & Life	HL 168JD	Wrist	Independent
References:			
Sheng C, Huang Q, Wang J, ZhangY, Li Y & Wang J. Validation of the Health & Life HL 168JD wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2009, 14:125-127			
Health & Life	HL 888HC (Derivative of Health & Life HL 888HA)	Upper Arm	Independent
Notes:			
Minor protocol violation: only 2 observers used in validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Health & Life	HL868 NF, ZA, ZB (Derivatives of Health & Life HL 888HA)	Upper Arm	Independent
Notes:			
AF detection in this device does not mean that it will accurately measure BP in AF patients. Minor protocol violation: only 2 observers used in validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Health & Life	HL858BA, BC, HA, GA (Derivatives of Health & Life HL888HA)	Upper Arm	Independent
Notes:			
AF detection in this device does not mean that it will accurately measure BP in AF patients. Minor protocol violation: only 2 observers used in validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Health & Life	HL858DK (Derivative of HL888HA)	Upper Arm	Independent
References:			
de Greef A and Shennan A. The Health & Life device (HL888HA): Accuracy assessment in an adult population according to the British Hypertension Society Protocol. Blood Pressure Monitoring 2007, 12@107-111			
Health & Life	WGNBPA-730,740,750 (Derivative of Health & Life HL888HA)	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Notes:			
AF detection in this device does not mean that it will accurately measure BP in AF patients. Minor protocol violation: only 2 observers used in validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Health & Life	HL858EF,DF,CF (Derivative of Health & Life HL888HA)	Upper Arm	Independent
Notes:			
AF detection in this device does not mean that it will accurately measure BP in AF patients. Minor protocol violation: only 2 observers used in validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Health & Life	WGNBPW-710,720 (Derivative of Health & Life HL168JD)	Wrist	Independent
References:			
Sheng C, Huang Q, Wang J, ZhangY, Li Y & Wang J. Validation of the Health & Life HL 168JD wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2009, 14:125-127			
Health & Life	HL158MA, KA (Derivative of Health & Life HL168JD)	Wrist	Independent
References:			
Sheng C, Huang Q, Wang J, ZhangY, Li Y & Wang J. Validation of the Health & Life HL 168JD wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol. Blood Pressure Monitoring 2009, 14:125-127			
Health & Life	BPM4 (Derivative of Health & Life HL888HA)	Upper Arm	Independent
Notes:			
Minor protocol violation: only 2 observers used in validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Health & Life	HL868BA	Upper Arm	Independent
References:			
Chen HE, Cui Y, Sheng CS, Li LH, Li Y & Wang JG. Validation of the Health & Life HL 866BA blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International protocol. Blood Pressure Monitoring 2008, 113:305-308			
Health & Life	HL868ED	Upper Arm	Independent
References:			
Validation of the HL868ED upper-arm blood pressure monitor for clinical use and self-measurement according to the British Hypertension Society Protocol. Wei Zhang, Lei L, Yan Li and Ji-Guang Wang. Blood Pressure Monitoring 2019, 24:203-207			

Manufacturer	Model	Type	Validated by
Health Assure	HL 858JA, 858JT, 858SA, 858SK, 858ST, 959JA (All derivatives of Health & Life HL888HA)	Upper Arm	Independent

References:

de Greef AM and Shennan AH. The Health & Life device (HL888HA): Accuracy assessment in an adult population according to the British Hypertension Society Protocol. Blood Pressure Monitoring 2007, 12:107-111

Health Assure	HL158JA, 158JT, 158SA, 158SK, 158ST (All derivatives of Health & Life HL168JD)	Wrist	Independent
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References:

Chang-Sheng S, Qi-Fang H, Jie W, Yi Z, Yan L and Ji-Guang W. Validation of the Health & Life HL169JD wrist blood pressure monitor for home blood pressure monitoring according to the International Protocol. Blood Pressure monitoring 2009, 14:125-127

HoMedics	Salter BPA-9200-GB (Derivative of Andon KD-5915)	Upper Arm	Independent
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Features:

2 x 60 memory reading

References:

Huang QF, Wang J, Sheng CS, Zhang NN, Li Y and Wang JG. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 15:232-234

HoMedics	Salter BPA-8200-EU (Derivative of Andon KD-5915)	Upper Arm	Independent
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Features:

2 x 60 memory reading

References:

Huang QF, Wang J, Sheng CS, Zhang NN, Li Y and Wang JG. Validation of the Andon KD-5915 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 15:232-234

Honsun	LD-520, 522, 526, 528, 530, 532, 533, 568, 582, 586N, 587 (Derivative of Honsun LD-578)	Upper Arm	Independent
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Features:

4 x AA batteries

References:

Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128

Manufacturer	Model	Type	Validated by
All Manufacturers	Search Model	All	All

Unknown Price

Honsun	LD-562 (Derivative of LD-578)	Upper Arm	Independent
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References:

Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128

Honsun	LD30 (Derivative of LD578)	Upper Arm	Independent
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References:

Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128

Honsun / Suresign	LD-588 (Derivative of LD-578)	Upper Arm	Independent
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References:

Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128-131

Honsun/MediPro	MP-BP-BPM (Derivative of LD-533)	Upper Arm	Independent
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References:

Yi Zhang, Jie Wang, Qi-Fang Huang, Chang-Sheng Sheng, Yan Li And Ji-Guang Wang
Validation of the Honsun LD-533 Blood Pressure Monitor For Home Blood Pressure Monitoring According to the European Society Of Hypertension International Protocol
Blood Pressure Monitoring
June 2009-volume 14-issue 3-pp 128-131

InBody	BP 170	Upper Arm	Independent
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References:

Kollias A, Anagnostopoulos I, Gravvani A, Stambolliu E, Bountzona I, Ariadni Menti A and Stergiou G. Validation of the InBody BP170 oscillometric home blood pressure monitor in general population according to the Association for the Advancement of Medical Instrumentation/European Society of Hypertension/ International Organization for Standardization Universal Standard. Blood Pressure Monitoring 2020, 25:50-52

Kingyield	BP101H	Upper Arm	Independent
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References:

Zeng WF, Huang QF, Sheng CS, Li Y & Wang JG. Validation of the Kingyield BP101H blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2010, 15:329-331

Manufacturer	Model	Type	Validated by
Little Doctor Electronic (Nantong)	LD51, LD51U, LD51A, LD51S (Derivative of Honsun LD-578)	Upper Arm	Independent
Features:			
Model LD51S has spoken voice facility			
Notes:			
DD info from Honsun			
References:			
Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128			
Little Doctor Electronic (Nantong)	LD12 (Derivative of SCIAN LD-735)	Wrist	Independent
Notes:			
DD info from Honsun			
References:			
Kang YY, Chen Q, Li Y and Wang JG. Validation of the SCIAN LD-735 wrist blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2016, 21:255-258			
Little Doctor Electronic (Nantong)	LD-521 (Derivative of Honsun LD-578)	Upper Arm	Independent
Notes:			
DD info from Honsun			
References:			
Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128			
Little Doctor Electronic (Nantong)	LD-521A (Derivative of LD-578)	Upper Arm	Independent
References:			
Zhang Y, Wang J, Huang Q, Sheng C, Li Y & Wang J. Validation of the Honsun LD-578 blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol. Blood Pressure Monitoring 2009, 14:128			
Maestro Innovations Corporation	Health Assure HL858JA, 858JT, 858SA, 858SK, 858ST, 959JA (All derivatives of Health & Life HL888HA)	Upper Arm	Independent
References:			
de Greef AM and Shennan AH. The Health & Life device (HL888HA): Accuracy assessment in an adult population according to the British Hypertension Society Protocol. Blood Pressure Monitoring 2007, 12:107-111			
Maestro Innovations Corporation	Health Assure HL158JA, 158JT, 158SA, 158SK, 158ST (All derivatives of Health & Life HL168JD)	Wrist	Independent

Manufacturer	Model	Type	Validated by
References:			
Chang SS, Qi-Fang H, Jie W, Yi Z, Yan L and Ji-Guang W. Validation of the Health & Life HL168JD wrist blood pressure monitor for home blood pressure monitoring according to the international protocol. Blood Pressure Monitoring 2009, 14:125-127			
Medinox Ltd	MX86005 (KD-5923) (Derivative of KD-5917)	Upper Arm	Independent
References:			
Wan-Gang Guo, Bing-Ling Li, Yong He, Yu-Sheng Xue, Hai-Yan Wang, Qiang-Sun Zheng and Ding-Cheng Xiang Validation of the Andon KD-5917 automatic upper arm blood pressure monitor, for clinic use and self-measurement, according to the European Society of Hypertension International Protocol revision 2010 Blood Pressure Monitoring; 2014, 19:242-245			
Medipro/Rossmax	Medicare 100f	Upper Arm	Independent
References:			
Yi J, Pan F, Yu X, Zhao H, Shang F & Xu Y. Validation of the Medipro Medicare 100f upper arm blood pressure monitor for self-measurement, according to the European Society of Hypertension International Protocol Revision 2010. Blood Pressure Monitoring 2011, 16:197-199			
Medisana	MTP Plus	Upper Arm	Independent
References:			
Erdem E, Aydogudu T & Akpolat T. Validation of the Medisana MTP Plus upper arm blood pressure monitor for self-measurement according to the European Society of Hypertension International Protocol revision 2010			
Microlife	WatchBP Home A (BP3MX1-3) (Derivative Device of BP B3AFIB)	Upper Arm	Independent
Notes:			
The derivative device (Watch Home A) only to be supplied with this (22-42cm conical) cuff			
References:			
Beime, Beate; Bramlage, Carsten; Krüger, Ralf; Deutsch, Cornelia; van Mark, Gesine; Bramlage, Peter; Botta, Beate Validation of the Microlife BP B3 AFIB upper arm blood pressure monitor in adults and adolescents according to the ANSI/AAMI/ISO 81060-2:2019 protocol Blood Pressure Monitoring: August 2021 - Volume 26 - Issue 4 - p 299-304 doi: 10.1097/MBP.0000000000000530			
Microlife	B3AFIB	Upper Arm	Independent
References:			
Beime, Beate; Bramlage, Carsten; Krüger, Ralf; Deutsch, Cornelia; van Mark, Gesine; Bramlage, Peter; Botta, Beate Validation of the Microlife BP B3 AFIB upper arm blood pressure monitor in adults and adolescents according to the ANSI/AAMI/ISO 81060-2:2019 protocol Blood Pressure Monitoring: August 2021 - Volume 26 - Issue 4 - p 299-304 doi: 10.1097/MBP.0000000000000530			
Microlife	BPA2 Basic (Derivative of BP 3BTO-A)	Upper Arm	Independent
References:			
Validation of the Microlife BP 3BTO-A oscillometric blood pressure monitoring device according to a modified British Hypertension Society protocol. Cuckson AC, Reinders A, Shabeeh H, Shennan AH. Blood Pressure Monitoring 2002, 7 (6): 319-324			
Omron Healthcare	HEM-9200T	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
References:			
<p>Hakuo Takahashi, Kanako Saito, Nobuki Yakura Validation of Omron HEM-9200T, a home blood pressure monitoring device for the upper arm, according to the American National Standards Institute/Association for the Advancement of Medical Instrumentation/International Organization for Standardization 81060-2:2013 protocol Journal of Human Hypertension https://doi.org/10.1038/s41371-021-00536-1</p>			
Omron Healthcare	BP760N HEM-7320-Z	Upper Arm	Independent
References:			
<p>Takahashi H, Yoshika M, Yokoi T. Validation of two automatic devices for the self-measurement of blood pressure according to the ANSI /AA MI/IS O81060-2:2009 guidelines: the Omron BP765 (HEM-7311-ZSA) and the Omron BP760N (HEM-7320-Z). Vascular Health and Risk Management 2015;11 49–53</p>			
Omron Healthcare	HEM-7120	Upper Arm	Independent
References:			
<p>Puhong Zhanga,b, Xi Lic, Zhe Fanga, Yanling Luc, Jingchen Cuid, Xin Dua and Rong Huc Smartphone application-supported validation of three automatic devices for self-measurement of blood pressure according to the European Society of Hypertension International Protocol revision 2010: the Omron HEM-7120, Yuwell YE680A and Cofoe KF-65B Blood Pressure Monitoring 2021, 26:435–440</p>			
Omron Healthcare	BP765 HEM-7311-ZSA	Upper Arm	Independent
References:			
<p>Takahashi H, Yoshika M, Yokoi T. Validation of two automatic devices for the self-measurement of blood pressure according to the ANSI /AA MI/IS O81060-2:2009 guidelines: the Omron BP765 (HEM-7311-ZSA) and the Omron BP760N (HEM-7320-Z). Vascular Health and Risk Management 2015;11 49–53</p>			
Oregon Scientific	BPU321 (Derivative of Oregon Scientific BPU330)	Upper Arm	Independent
Features:			
200 readings. 4 x AA batteries			
References:			
<p>Li L, Zhang XY, Yan CH, Liang QX. Validation of the Oregon Scientific BPU330 for self-monitoring of blood pressure according to the International Protocol. Vascular Health & Risk Management. 2008, 4(5):1121-1125</p>			
Oregon Scientific	Tunstall BPU329	Upper Arm	Independent
Features:			
200 readings. Wireless transmission			
References:			
<p>Li L, Zhang XY, Yan CH, Liang QX. Validation of the Oregon Scientific BPU330 for self-monitoring of blood pressure according to the International Protocol. Vascular Health & Risk Management. 2008, 4(5):1121-1125</p>			
Pangao	PG-800B26	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Features:			
2 x 90 reading memory. 4 x AA batteries			
References:			
Chen L, Li J, Wen J, Guo C, Zhang J & Yu Z. Validation of the Pangao PG-800B26 upper arm blood pressure monitor in the general population according to the European Society of Hypertension and the British Hypertension Society protocols. Blood Pressure Monitoring 2018, 23:41-44			
Pangao	PG-800A36	Wrist	Independent
Features:			
90 reading memory. Rechargeable battery			
References:			
Zhao H, Qiao W, Zhang R, Cui P, Hou F & Zhang W. Validation of the Pangao PG-800A36 automatic wrist blood pressure monitor according to the European Society of Hypertension and the British Hypertension Society protocols. Blood Pressure Monitoring 2018, 23:37-40			
Pangao	PG-800A11	Wrist	Independent
Features:			
2 x 1.5V AAA batteries			
Notes:			
Also tested against International Protocol 2010 but insufficient data was reported to inform recommendation			
References:			
Xie P, Wang Y, Xu X, Huang F and Pan J. Validation of the Pangao PG-800A11 wrist device assessed according to the European Society of Hypertension and the British Hypertension Society protocols. Blood Pressure Monitoring 2015, 20:108-111			
Pangao	PG-800B11	Upper Arm	Independent
Features:			
90 reading memory, 4 x AA batteries			
Notes:			
Validation approved according to the International Protocol 2010 only			
References:			
Bing S, Zhang C, Wang L, Li L and Wan Y. Validation of the Pangao PG-800B11 blood pressure monitor according to the European Society of Hypertension and the British Hypertension Society protocols. Blood Pressure Monitoring 2014, 19:366-369			
Pangao	PG-800B5	Upper Arm	Independent
Features:			
90 reading memory, 4 x AA batteries			
References:			
Chen W, Zeng Z, Li L, Wan X, Wan Y. Validation of the Pangao PG-800B5 for clinical use and self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:302-305			
Pangao	PG-800B68	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Features:			
90 reading memory, 4 x AA batteries, voice function			
References:			
Yao R, Du YY, Li YP, Zhang YZ, Chen QH, Zhao LS and Li L. Validation of the fully automated Pangao PG-800B68 upper arm device according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:221-224			
Philips	DL8760	Upper Arm	Independent
References:			
Chahinea MN, Bou Harb S, Saada AR, Sarkisa P, Azaki A, Aya Harba A, Alloucha A and Asmara R. Validation of the PHILIPS DL8760 upper arm blood pressure monitor, in oscillometry mode, for self-measurement in a general population, according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2021, 26:237-241			
Rossmax/Accumed	ME/AB/AC/AD/AE/AF/AJ/MJ/MW-701, MA/MR/MV-801, AK/AT/AW/MG/MH/MJ-150, AD761, AU941, AV151, AV351, AC761f, AW151, MA350, MA351, MC100, MR250, MH901, MW821 (All models derivative of ME701)	Upper Arm	Independent
References:			
de Greef A & Shennan AH. The Rossmax (ME701 Series) upper arm device: accuracy assessment in a adult population according to the International and the British Hypertension society protocols. Blood pressure Monitoring 2008, 13:43-48			
Rossmax/Accumed	AC1000f (Derivative of CF175)	Upper Arm	Independent
Notes:			
NB Additional features on this device have not been tested for accuracy. It is validated for its BP measurement function only			
References:			
Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107			
Rossmax/Accumed	CH155 (Derivative of CF175)	Upper Arm	Independent
References:			
Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107			
Rossmax/Accumed	CF175	Upper Arm	Independent
Features:			
90 reading memory			
References:			
Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107			
Rossmax/Accumed	C5 (Derivative of CF175)	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
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Notes:

NB Additional features on this device have not been tested for accuracy. It is validated for its BP measurement function only

References:

Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107

Rossmax/Accumed	CF155 (Derivative of CF175)	Upper Arm	Independent
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References:

Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107

Rossmax/Accumed	Z5 (Derivative of CF175)	Upper Arm	Independent
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References:

Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107

Rossmax/Accumed	Z1 (Derivative of CF175)	Upper Arm	Independent
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References:

Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107

Rossmax/Accumed	X9 (Derivative of CF175)	Upper Arm	Independent
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Notes:

NB Additional features on this device have not been tested for accuracy. It is validated for its BP measurement function only

References:

Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107

Manufacturer	Model	Type	Validated by
All Manufacturers ▾	Search Model	All ▾	All ▾

Unknown Price

Rossmax/Accumed	X1, X3, X5 (Derivative of CF175)	Upper Arm	Independent
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References:

Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107

Rossmax/Alvita	CG155f (Derivative of CF175)	Upper Arm	Independent
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References:

Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107

Rossmax/Alvita	MA801f (Derivative of CF175)	Upper Arm	Independent
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References:

Zhang L, Kang YY, Zeng WF, Li Y and Wang JG. Validation of the Rossmax CF175 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 2: 104-107

SCIAN	LD-735	Wrist	Independent
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Features:

2 x AAA batteries. 90 Reading memory

References:

Kang YY, Chen Q, Li Y and Wang JG. Validation of the SCIAN LD-735 wrist blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2016, 21:255-258

SEJOY	BP-1307	Upper Arm	Independent
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Features:

4 x AA Batteries or mains adapter. 2 x 60 reading memory

References:

Lei L, Chen Y, Chen Q, Li Y & Wang JG. Validation of the SEJOY BP-1307 upper-arm blood pressure monitor for home blood pressure monitoring according to the European Society of Hypertension International Protocol Revision 2010. Blood Pressure Monitoring 2017, 22:371-374

Sabre Nederland BV	BPM610(x) (Derivative of Health & Life HL888HA)	Upper Arm	Independent
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Manufacturer	Model	Type	Validated by
Notes:			
Minor protocol violation; only 2 observers used in the validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Sabre Nederland BV	BPM701 (Derivative of Health & Life HL888HA)	Upper Arm	Independent
Notes:			
Minor protocol violation; only 2 observers used in the validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Seagull aps	S-888HA (OEM derivative of Health & Life HL 888HA)	Upper Arm	Independent
Notes:			
Minor protocol violation; only 2 observers used in the validation study			
References:			
de Greef A, & Shennan A. The Health & Life device (HL888HA): accuracy assessment in an adult population according to the British Hypertension Society protocol. Blood Pressure Monitoring 2007, 12:107-111			
Seagull aps	S-868BA (OEM derivative of health & Life HL 868BA)	Upper Arm	Independent
Sensacare	SAA-102	Upper Arm	Independent
References:			
Zaetta V, Daniele L, Pertkovic D, Prattico F, Barisa M, Perfetti P, Gabrieli A, Buonocore F & Winnick M. Validation of the SAA-102 home blood pressure monitor according to the protocols of the European Society of Hypertension, the Association for the Advancement of Medical Instrumentation and the British Society of Hypertension. Blood Pressure Monitoring 2007, 12:363-368			
Sensacare	SAW-102	Wrist	Independent
References:			
Zaetta V, Longo D, Perkovic D, Perfetti P, Gabrieli A, Prattico F & Winnicki M. Validation of the SAW-102 wrist home blood pressure monitor according to the protocols of the British Hypertension Society, the Association for the Advancement of Medical Instrumentation and the European Society of Hypertension. Blood Pressure Monitoring 2009, 14:32-36			
Spengler	TB-101, SMS-Pro (Derivative of KP-7500D)	Upper Arm	Independent
References:			
Belghazi J, El Feghali RN, Moussalem T, Rejdych M & Asmar R. Validation of four automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension. Vascular Health & Risk Management 2007;3(4) 1-12			
SunTech	CT40	Upper Arm	Independent

Manufacturer	Model	Type	Validated by
Features:			
99 reading memory			
References:			
Friz HP, Punzi V, Petri F, Orlandi R, Maggionini D, Priz MP, Primitz L & Vighi G. Similtaneous validation of the SunTech CT40 automated blood pressure measurement device by th 1993 British Hypertension Society protocol and the Association for the Advancement of Medical Instrumentaion/International Organization for Standardization 81060-2:2013 standard. Blood Pressure Monitoring 2017, 22:298-301			
Suntech	247	Vital Signs	Independent
References:			
Friz HP, Facchetti R, Primitz L, Beltrame L, Galbiati V, Ricioppo A, Bombelli M & Sega R. Simultaneous validation of the SunTech 247 diagnostic station blood pressure measurement device according to the British Hypertension Society protocol, the International Protocol and the Association for the Advancement of Medical Instrumentation standards. Blood Pressure Monitoring 2009, 14:222-227			
Thermor	BIOS BD215	Upper Arm	Independent
References:			
Benetti E, Fania C, Marquez Hernandez V, Palatini P. Validation of the Thermor BIOS BD215 device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2014, 19:176-179			
Transtek	TMB-1776	Upper Arm	Independent
References:			
Liu Z and Chen L. Validation of Transtek TMB-1776 according to European Society of Hypertension International Protocol revision 2010 in adults. Blood Pressure Monitoring 2019, 24:319-322			
Transtek	TMB-1491	Upper Arm	Independent
Notes:			
60 reading memory x 2, four AAA batteries			
References:			
Tian H, Zeng S, Zhong X, Gong W and Liu W. Validation of Transtek blood pressure monitor TMB-1491 for self-measurement according to the European Society of Hypertension International Protocol revision 2010. Blood Pressure Monitoring 2015, 20:280-282			
UEBE	Visomat Handy Wrist	Wrist	Independent
References:			
Saladini F, Benetti E & Palatini P. Accuracy of the visomat handy wrist blood pressure measuring device according to the International Protocol. Blood Pressure Monitoring 2010, 15:281-284			
UEBE	Visomat Comfort	Upper Arm	Independent
References:			
Bonso E, Dorigatti F, Saladini F & Palatini P. Validation of the Visomat Comfort from device for home blood pressure measurement according to the International Protocol. Blood Pressure Monitoring 201, 15(1):63-66			
UEBE	Visomat Comfort Eco	Upper Arm	Independent
References:			
Perkovic D, Guarnieri C & Palatini P. Validation of the Visomat Comfort Eco blood pressure measuring device according to the International Protocol. Blood Pressure Monitoring 2009, 14:178-180			

Manufacturer	Model	Type	Validated by
Visocor	HM40	Wrist	Independent

References:

Dorigatti F, Bonso E, Saldini F & Palatini P. Validation of the Visocor HM 40 wrist blood pressure measuring device according to the International Protocol. Blood Pressure Monitoring 2009, 14:32-36

Withings	BPM Connect PRO (WPM06)(Derivative of BPM Connect WPM05)	Upper Arm	Independent
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References:

Jirar Topouchian, Parounak Zelveian, Zoya Hakobyan, Heghine Gharibyan, Roland Asmar
 Accuracy of the Withings BPM Connect Device for Self-Blood Pressure Measurements in General Population – Validation According to the Association for the Advancement of Medical Instrumentation/European Society of Hypertension/International Organization for Standardization Universal Standard
 Vascular Health and Risk Management 2022;18 191–200
 Zelveian P, Topouchian J, Hakobyan Z, Asmar J, Gharibyan H, Asmar R
 Clinical Accuracy of the Withings BPM Connect for Self-Blood Pressure Measurements in Pregnancy and Pre-Eclampsia: Validation According to the Association for the Advancement of Medical Instrumentation/European Society of Hypertension/International Organization for Standardization Universal Standard
 Vascular Health and Risk Management, 2022, 18, 181–189

YuWell	YE690A	Upper Arm	Independent
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Features:

2 x 74 reading memory. Large cuff up to 45cm

References:

Chen Q, Lei L, Li Y & Wang JG. Validation of the YuWell YE690A upper-arm blood pressure monitor for clinical use and self-measurement according to the European Society of Hypertension International Protocol Revision 2010. Blood Pressure Monitoring 2017, 22:295-297