



JOINT INITIATIVE WITH



VALIDATED DEVICES FOR HOME BLOOD PRESSURE MONITORING
























List generated from www.stridebp.org on the 21 Feb 2024

Validated devices: have passed established validation procedures that have been checked and approved by the STRIDE BP Scientific Advisory Board.

Preferred devices: for Home use are upper-arm cuff devices with at least one STRIDE BP approved validation study, which was published within the last 10 years and used a recent protocol (AAMI/ESH/ISO Universal Standard (ISO 81060-2:2018); ANSI/AAMI/ISO 2013 or 2009; ESH-IP 2010) and also have automated storage of multiple readings, or mobile phone, PC or internet link connectivity enabling data transfer.

Equivalent or Identical devices: Equivalent devices have not been validated but evidence has been provided and approved by the STRIDE BP Scientific Advisory Board showing that they are equivalent to a device that has fulfilled the criteria for validated devices (see above). Identical devices have no difference from a STRIDE BP approved device, apart from model name change.

Validated upper-arm devices available on the market (182)

A&D UA-1020	 Health & Life S-868ED *	 Omron M3 (HEM-7154-E) *
 A&D UA-1200BLE	HoMedics BPA-300	 Omron M3 Comfort (HEM-7155-ALRU) *
A&D UA-611Plus *	HoMedics WGNBPA-540	 Omron M3 Comfort(HEM-7155-E) *
 A&D UA-651	HONSUN LD-578	 Omron M4 Intelli IT (HEM-7155T-ALRU) *
 A&D UA-651Plus	IEM Tel-O-GRAPH	 Omron M4 Intelli IT(HEM-7155T-EBK) *
A&D UA-651SL Plus *	 InBody BP170	 Omron M400 Comfort (HEM-7155-D) *
 A&D UA-654MR *	 InBody BP170B (HBP170) *	 Omron M400 Intelli IT (HEM-7155T-D) *
A&D UA-705	 JAMR F1701T	 Omron M500 Intelli IT (HEM-7361T-D) *
A&D UA-767	 JOYTECH DBP-6279B	 Omron M6 Comfort (HEM-7360-E) *
Andon iHealth BP3	Kinetik Series 1 (BPM-1)	 Omron M7 Intelli IT(HEM-7361T-EBK) *
Andon iHealth Clear BPM1 *	Kingyield BP101H	 Omron M7 Intelli IT (HEM-7361T-ALRU) *
Andon iHealth Ease BP3L *	 Konsung QD217A	Omron X2 Basic(HEM-7121J-EO) *
Andon iHealth Neo BP5S *	Lloyds Pharmacy BP11	 Omron X3 Comfort(HEM-7155-EO) *
 Andon iHealth Track	Medicare MD1806 *	 Omron X4 Smart (HEM-7155T-ESL) *
 Andon iHealth Track KN-550BT	Medipro MediCare 100f (Rossmax)	 Omron X7 Smart(HEM-7361T-ESL) *
 Andon KD-5031	Medisana MTP Plus	Oregon BPU 330
 Andon KD-558BR *	Microlife BP 3BTO-A	Panasonic EW3106
Andon KD-5915	 Microlife BP A1 Easy *	Panasonic EW3109
 Andon KD-5917	 Microlife BP A100	 Pangao PG-800B11
 Andon KD-5920 *	Microlife BP A100 Plus	 Pangao PG-800B26
 Andon KD-5923 *	Microlife BP A150 AFIB *	 Pangao PG-800B5
 Andon KD-595	Microlife BP A150-30 AFIB *	 Pangao PG-800B68
 Aponorm Basic Control *	 Microlife BP A2 Basic *	Philips HP5308
 Aponorm Basic Control PLUS *	 Microlife BP A2 Classic *	PMS Mandaus

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Aponorm Basis Plus Bluetooth *	Microlife BP A200 AFIB *	Polygreen KP-7670
Aponorm Professional Control *	Microlife BP A200 Comfort	Qardio Inc QardioArm
Aponorm Professionell Touch *	Microlife BP A3 PC	RisingSun RS-651
Artsana CS 410	Microlife BP A3L Comfort *	Rossmax AC1000f
Artsana CSI 610	Microlife BP A6 BT *	Rossmax CF175
Artsana Pic Indolor Comfort Check	Microlife BP A6 PC *	Rossmax X1 *
Artsana Pic Indolor My Check	Microlife BP A7 Touch *	Rossmax X3 *
Artsana Pic Indolor Personal Check	Microlife BP B1 Classic *	Rossmax X5 *
Avita BPM63S	Microlife BP B2 Basic *	Rossmax X9 *
Avita BPM64	Microlife BP B2 Easy *	Rossmax Z1 *
Avita BPM65 *	Microlife BP B3 Advanced AFIB *	Rossmax Z5 *
Avita BPM68 *	Microlife BP B3 AFIB	SEINEX SE-9400
Avita BPM82	Microlife BP B3 Basic *	SEJOY BP-1307
Avita BPM83 *	Microlife BP B3 BT *	Sensacare SAA-102
Beurer BM 28	Microlife BP B3 Plus *	Spengler TENSONIC BRAS*
Beurer BM 44	Microlife BP B6 Advanced Connect *	Terumo ES-H55
Beurer BM26 *	Microlife BP B6 BASIC *	Thermor BIOS BD215
Beurer BM27 *	Microlife BP B6 Connect *	Thermor BIOS BD240
Beurer BM35 *	Microlife WatchBP Home	Transtek LS802-GP *
Beurer BM40 *	Microlife WatchBP Home A *	Transtek LS802-GS *
BPUMP BF1112	Microlife WatchBP Home A BT *	Transtek TMB-1585-BS *
Braun BUA4000	Microlife WatchBP Home S *	Transtek TMB-1776
Citizen CH-432B	Omron BP5450	Transtek TMB-2084 *
Citizen CH-461C	Omron BP7450	Transtek TMB-2084-A *
Citizen CH-463E	Omron Complete (HEM-7530T-E3) *	Visomat UEBE Comfort 20/40
Colson MAM BP 3AA1-2	Omron Evolv (HEM-7600T-E)	Visomat UEBE comfort 20/40 REF 24046 *
Combei BP118A	Omron HEM-1020	Visomat UEBE Comfort Eco
Globalcare GCE603	Omron HEM-1040	Visomat UEBE Comfort form
Grandway G.LAB MD2680	Omron HEM-705CP	Visomat UEBE Double Comfort
Grandway G.LAB MD41A0	Omron HEM-7120	Visomat UEBE Double Comfort REF 24056 *
Grandway MD2301	Omron HEM-7130	Welch Allyn Home BP monitor 1700 Series
Hartmann Veroyal BPU22 *	Omron HEM-7600T	Withings BPM Connect
Hartmann Veroyal duo control	Omron HEM-9700T	Withings BPM Connect Pro *
Hartmann Veroyal ECG and BP Monitor*	Omron M1 Basic (HEM-7121J-AF) *	YuWell YE660E *
Health & Life HL858A2-T *	Omron M1 Basic (HEM-7121J-LAF) *	YuWell YE680B
Health & Life HL858GT *	Omron M2 Basic (HEM-7121J-E) *	YuWell YE690A
Health & Life HL868ED	Omron M2 Eco (HEM-7120-AF) *	

Validated upper-arm devices not available on the market (74)

A&D UA-631

Omron HEM-7080IC *

Omron M5-I

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A&D UA-774	Omron HEM-711 DLX	Omron M6 (HEM-7001-E)
A&D UA-778	Omron HEM-7201	Omron M6 (HEM-7211-E)
A&D UA-787	Omron HEM-722C	Omron M6 AC (HEM-7322-E) *
A&D UA-853	Omron HEM-7251G	Omron M6 AC ME (HEM-7322-ME) *
A&D UM-201	Omron HEM-7252G-HP	Omron M6 Comfort (HEM-7000-E)
Andon iHealth Feel BP5	Omron HEM-7320-LA	Omron M6 Comfort (HEM-7221-E)
Andon KD-391	Omron HEM-7320F	Omron M6 Comfort (HEM-7321-E) *
Andon KD-5851	Omron HEM-735C	Omron M6 Comfort IT (HEM-7322U-E)
Andon KD-5965	Omron HEM-7420	Omron M7 (HEM-780-E)
Avita BPM636	Omron HEM-7500F	Omron M7 Intelli IT (HEM-7322T-E) *
Hartmann Tensoval Duo Control II	Omron HEM-780REL	Omron MIT
Health & Life HL868BA	Omron HEM-9200T	Omron MIT Elite
Health & Life HL888HA	Omron HEM-9210T	Omron MX3 Plus (HEM-742-E)
IEM Stabil-O-Graph	Omron i-Q132 (HEM-1010-E)	Omron X6 Comfort (HEM-7360-EO) *
Microlife BP 3AC1-1	Omron M1 Plus (HEM-4011C-E)	Rossmax ME 701 series
Microlife BP 3AC1-1PC	Omron M2 (HEM-7117-E)	Spengler KP7500D
Nissei DS-400	Omron M2 (HEM-7121-E) *	Spengler Pro M
Omron 705IT (HEM-759-E)	Omron M2 Basic (HEM-7120-E) *	Transtek LS808-B
Omron BP10	Omron M2 Compact (HEM 7102-E)	Transtek TMB-1491
Omron BP760N (HEM-7320-Z)	Omron M3 (HEM-7131-E) *	Transtek TMB-986
Omron BP765 (HEM-7311-ZSA)	Omron M3 (HEM-7200-E)	Withings BP-800
Omron Elite 7300W	Omron M3 Comfort (HEM-7134-E)	Withings BPM Core Device (WPM04)
Omron HEM-706	Omron M3 Intellisense (HEM-7051-E)	YuWell YE660D
Omron HEM-706/711	Omron M3 IT (HEM-7131 U-E) *	

Validated wrist devices available on the market (38)

Generally not recommended due to inferior accuracy to upper-arm devices in practice and issues with correct use according to instructions (wrist at heart level without flexion or extension).

A&D UB-1100BLE *	Citizen CH-656C	Omron RS2 (HEM-8616-BS) *
A&D UB-543	Grandway G.LAB MD2200	Omron RS3 Intelli IT(HEM-6161T-E) *
Andon iHealth View BP7S *	Grandway G.LAB MD2231	Omron RS4 (HEM-6181-E) *
Andon KD-723 *	Health & Life HL168JD	Omron RS7 Intelli IT (HEM-6232T-E)
Aponorm Mobil Basis *	Kingyield BP210	Oregon BPW810
Aponorm Mobil Slim *	Microlife BP W100	Pangao PG-800A11
Artsana Pic Indolor Travel Check	Microlife BP W3 Comfort *	Pangao PG-800A36
Avita BPM11 *	Microlife W2 Slim	Rossmax S150
Avita BPM15S	Omron HEM-6181	SCIAN LD-735
Avita BPM17	Omron HEM-6232T	Sensacare SAW-102
Avita BPM19B *	Omron HEM-9601T	Visocor UEBE HM40

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Avita BPM29 *

Avita BPM32 *

Omron HEM-9601T-E3*

Omron RS1 (HEM-6160-E) *

Visomat UEBE Handy

Validated wrist devices not available on the market (17)

Generally not recommended due to inferior accuracy to upper-arm devices in practice and issues with correct use according to instructions (wrist at heart level without flexion or extension).

A&D UB-511

Andon iHealth Sense BP7

Braun BP 2550 (UG)

Braun BP 3550

Braun VitalScan Plus 1650

Microlife BP W200-1

Omron HEM-9600T

Omron R2 (HEM-6113-E)

Omron R3-I Plus (HEM 6022-E)

Omron R5-I

Omron R7 (HEM 637-IT)

Omron RS3 (HEM-6130-E)

Omron RS6 (HEM-6221-E)

Omron RS8 (HEM-6310F-E)

Omron Rx

Shenzhen Urion Technology U60EH

Transtek TMB-988

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