



JOINT INITIATIVE WITH



VALIDATED DEVICES FOR HOME BLOOD PRESSURE MONITORING

List generated from www.stridebp.org on the 15 Oct 2025

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 (302)

 A&D UA-1020	 JOYTECH DBP-6285B *	Pangao PG-800B11
 A&D UA-1100NFC	Kinetik Series 1 (BPM-1)	 Pangao PG-800B18
 A&D UA-1100NFC-W	Kingyield BP101H	 Pangao PG-800B26
 A&D UA-1200BLE	 Konsung QD217A	Pangao PG-800B5
A&D UA-611Plus *	Lloyds Pharmacy BP11	 Pangao PG-800B68
 A&D UA-651	Medicare MD1806 *	PEMPA Pempa BP100 *
 A&D UA-651Plus	Medipro MediCare 100f (Rossmax)	PEMPA Pempa BP80 *
A&D UA-651SL Plus *	Medisana MTP Plus	Philips HP5308
 A&D UA-654MR *	Microlife BP 3BTO-A	 PIC solution OneRAPID *
A&D UA-705	 Microlife BP A1 Easy *	PMS Mandaus
A&D UA-767	 Microlife BP A100	Polygreen KP-7670
Andon iHealth BP3	Microlife BP A100 Plus	Prolife PA5 Comfort (BP136A) *
Andon iHealth Clear BPM1 *	Microlife BP A150 AFIB *	 Qardio Inc QardioArm
Andon iHealth Ease BP3L *	Microlife BP A150-30 AFIB *	Raycome RBP-9801
Andon iHealth Neo BP5S *	 Microlife BP A2 Basic *	 RisingSun RS-651
 Andon iHealth Track	 Microlife BP A2 Classic *	 Rossmax CF175
Andon iHealth Track KN-550BT	 Microlife BP A200 AFIB *	Rossmax X1 *
 Andon KD-5031	Microlife BP A200 Comfort	 Rossmax X3 *
Andon KD-558BR *	 Microlife BP A3 PC	 Rossmax X5 *
Andon KD-5915	 Microlife BP A3L Comfort *	Rossmax X9 *
Andon KD-5917	 Microlife BP A6 BT *	 Rossmax Z1 *
Andon KD-5920 *	 Microlife BP A6 PC *	 Rossmax Z5 *
Andon KD-5923 *	Microlife BP A7 Touch *	 Seagull S-858DK *
 Andon KD-595	 Microlife BP B1 AFIB *	SEINEX SE-9400

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Aponorm Basic Control *	Microlife BP B1 BT *	SEJOY BP-1307
Aponorm Basic Control PLUS *	Microlife BP B1 Classic *	Sensacare SAA-102
Aponorm Basis Plus Bluetooth *	Microlife BP B1 Standard *	Spengler TENSORIC BRAS*
Aponorm Professional Control *	Microlife BP B2 Basic *	Terumo ES-H55
Aponorm Professionell Touch *	Microlife BP B2 Easy *	Thermor BIOS BD215
Aposán DBP-6194 *	Microlife BP B3 Advanced AFIB *	Thermor BIOS BD240
Artsana CS 410	Microlife BP B3 AFIB	Transtek LS802-GP *
Artsana CSI 610	Microlife BP B3 Basic *	Transtek LS802-GS *
Artsana Pic Indolor Comfort Check	Microlife BP B3 BT *	Transtek TMB-1491
Artsana Pic Indolor My Check	Microlife BP B3 Plus *	Transtek TMB-1585-BS *
Artsana Pic Indolor Personal Check	Microlife BP B4 BT *	Transtek TMB-1776
Avita BP636	Microlife BP B6 Advanced Connect *	Transtek TMB-2084 *
Avita BPM636	Microlife BP B6 BASIC *	Transtek TMB-2084-A *
Avita BPM63S	Microlife BP B6 Connect *	Transtek TMB-2296-BT
Avita BPM64	Microlife BP3KT1-4X (BP B3 Comfort PC)	Viatom BP2
Avita BPM65 *	Microlife BP3KV1-5X (BP B6 Connect)	Visomat UEBE Comfort 20/40
Avita BPM68 *	Microlife BP3T01-1B	Visomat UEBE comfort 20/40 REF 24046 *
Avita BPM82	Microlife WatchBP Home	Visomat UEBE Comfort Eco
Avita BPM83 *	Microlife WatchBP Home A *	Visomat UEBE Comfort form
Avita BPM925-LJB *	Microlife WatchBP Home A BT *	Visomat UEBE Double Comfort
Beurer BM 28	Microlife WatchBP Home S *	Visomat UEBE Double Comfort REF 24056 *
Beurer BM 44	Motif BAB0001 *	Vitammy next e1 *
Beurer BM23 *	Novama A+ *	Welch Allyn Home BP monitor 1700 Series
Beurer BM27 *	Novama COMFORT+AF *	Withings BPM Connect
Beurer BM53 *	Novama FIRST+ *	Withings BPM Connect Pro *
BPUMP BF1112	Novama PRIME+ *	YuWell S60AR *
Braun BUA4000	Novama PRO BLUE *	YuWell S62AR *
Braun BUA4050 *	Omron Complete (HEM-7530T-E3) *	YuWell S63AR *
Citizen CH-432B	Omron Evolv (HEM-7600T-E)	YuWell S67XR *
Citizen CH-461C	Omron HEM-1020	YuWell S68XR *
Citizen CH-463E	Omron HEM-1026 (HCR-1901T2/HCR-1902T2)	YuWell YE610A *
Colson MAM BP 3AA1-2	Omron HEM-7361T	YuWell YE610AR *
Combei BP118A	Omron HEM-7600T	YuWell YE610CR *
CONTEC CONTEC08A	Omron J7136	YuWell YE610D *
CONTEC CONTEC08E *	Omron J760	YuWell YE620A *
FITAGE FITAGE-06 *	Omron M1 Basic (HEM-7090-E) *	YuWell YE620AR *
Globalcare GCE603	Omron M1 Basic (HEM-7090-LE) *	YuWell YE620B *
Grandway G.LAB MD2680	Omron M1 Basic (HEM-7121J-LAF) *	YuWell YE620C *
Grandway G.LAB MD41A0	Omron M2 (HEM-7143-E) *	YuWell YE620CR *
Grandway G.LAB MD6300	Omron M2 Basic (HEM-7121J-E) *	YuWell YE620F *
Grandway MD2301	Omron M2 Comfort HEM-7188-FLD *	YuWell YE630A *

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Hanvon FF680	Omron M2 Essential (HEM-7188-E) *	YuWell YE630AR *
Hanvon FY730	Omron M2 Intelli IT (HEM-7143T1-EBK) *	YuWell YE630E *
Hartmann Veroval compact +, BPU 26 *	Omron M2 Intelli IT+(HEM-7146T2-EBK) *	YuWell YE650AR *
Hartmann Veroval compact BPU22 *	Omron M2+ (HEM-7146-E) *	YuWell YE650C *
Hartmann Veroval duo control	Omron M2+ (HEM-7188-LE) *	YuWell YE650CR *
Hartmann Veroval ECG and BP Monitor*	Omron M2+ Connect (HEM-7188T1-LE) *	YuWell YE650F *
Health & Life HL858A2-T *	Omron M3 (HEM-7154-E) *	YuWell YE655A *
Health & Life HL858GT *	Omron M3 Comfort (HEM-7155-ALRU) *	YuWell YE655AR *
Health & Life HL868ED	Omron M3 Comfort AFib (HEM-7196-FLE) *	YuWell YE655B *
Health & Life S-868ED *	Omron M3 Comfort(HEM-7155-E) *	YuWell YE655C *
Hingmed Q06B	Omron M300 (HEM-7121J-D) *	YuWell YE655CR *
Hipermax-BF A7101	Omron M300 INTELLI IT (HEM-7143T1-D) *	YuWell YE655D *
HoMedics BPA-300	Omron M4 Connect AF (HEM-7196T1-FLE) *	YuWell YE660A *
HoMedics WGNBPA-540	Omron M4 Intelli IT (HEM-7155T-ALRU) *	YuWell YE660AR *
HONSUN LD -587 *	Omron M4 Intelli IT(HEM-7155T-EBK) *	YuWell YE660C *
HONSUN LD-528 *	Omron M400 Comfort (HEM-7155-D) *	YuWell YE660CR *
HONSUN LD-578	Omron M400 Intelli IT (HEM-7155T-D) *	YuWell YE660D
HONSUN LD-579 *	Omron M500 Intelli IT (HEM-7361T-D) *	YuWell YE660E *
HONSUN LD-598 *	Omron M6 Comfort (HEM-7360-E) *	YuWell YE660F *
HONSUN LD-869 *	Omron M6 Comfort AFib(HEM-7380-E) *	YuWell YE666AR *
HONSUN LD-872 *	Omron M7 Intelli IT(HEM-7361T-EBK) *	YuWell YE666CR *
HONSUN LD581 *	Omron M7 Intelli IT (HEM-7361T-ALRU) *	YuWell YE670A *
Ideal Life Blood Pressure Manager	Omron M7 Intelli IT Afib (HEM-7380T1-EBK) *	YuWell YE670AR *
IEM Tel-O-GRAPH	Omron X2 Essential (HEM-7188-EO) *	YuWell YE670B *
InBody BP170	Omron X2 Smart (HEM-7143T2-ESL) *	YuWell YE670CR *
InBody BP170B (HBP170) *	Omron X2 SMART+(HEM-7146T2-ESL) *	YuWell YE670D *
JAMR B23	Omron X2+ Connect (HEM-7188T1-LEO) *	YuWell YE670F *
JAMR F1701T	Omron X3 Comfort AFib (HEM-7196-FLEO) *	YuWell YE680A *
JOYTECH DBP-1333b	Omron X3 Comfort(HEM-7155-EO) *	YuWell YE680AR *
JOYTECH DBP-13D1 *	Omron X4 Connect AF (HEM-7196T1-FLEO) *	YuWell YE680B
JOYTECH DBP-6179 *	Omron X4 Smart (HEM-7155T-ESL) *	YuWell YE680E *
JOYTECH DBP-6191 *	Omron X7 Smart Afib (HEM-7380T1-EOSL) *	YuWell YE690A
JOYTECH DBP-6191HD *	Omron X7 Smart(HEM-7361T-ESL) *	YuWell YE690AR *
JOYTECH DBP-6192 *	Oregon BPU 330	YuWell YE690CR *
JOYTECH DBP-6279B	Panasonic EW3106	YuWell YE690F *
JOYTECH DBP-6282B *	Panasonic EW3109	

Validated upper-arm devices not available on the market (80)

A&D UA-631**A&D** UA-774**Omron** HEM-706/711**Omron** HEM-7080IC ***Omron** M3 (HEM-7200-E) **Omron** M3 Comfort (HEM-7134-E)

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A&D UA-778	Omron HEM-711 DLX	Omron M3 Intellisense (HEM-7051-E)
A&D UA-787	Omron HEM-7120	Omron M3 IT (HEM-7131 U-E) *
A&D UA-853	Omron HEM-7130	Omron M5-I
A&D UM-201	Omron HEM-7201	Omron M6 (HEM-7001-E)
Andon iHealth Feel BP5	Omron HEM-722C	Omron M6 (HEM-7211-E)
Andon KD-391	Omron HEM-7251G	Omron M6 AC (HEM-7322-E) *
Andon KD-5851	Omron HEM-7252G-HP	Omron M6 AC ME (HEM-7322-ME) *
Andon KD-5965	Omron HEM-7320-LA	Omron M6 Comfort (HEM-7000-E)
Hartmann Tensoval Duo Control II	Omron HEM-7320F	Omron M6 Comfort (HEM-7221-E)
Health & Life HL868BA	Omron HEM-735C	Omron M6 Comfort (HEM-7321-E) *
Health & Life HL888HA	Omron HEM-7372T1-AZAZ (BP5460)	Omron M6 Comfort IT (HEM-7322U-E)
IEM Stabil-O-Graph	Omron HEM-7420	Omron M7 (HEM-780-E)
Microlife BP 3AC1-1	Omron HEM-7500F	Omron M7 Intelli IT (HEM-7322T-E) *
Microlife BP 3AC1-1PC	Omron HEM-780REL	Omron MIT
Nissei DS-400	Omron HEM-9200T	Omron MIT Elite
Omron 705IT (HEM-759-E)	Omron HEM-9210T	Omron MX3 Plus (HEM-742-E)
Omron BP10	Omron HEM-9700T	Omron X6 Comfort (HEM-7360-EO) *
Omron BP5450	Omron i-Q132 (HEM-1010-E)	Rossmax ME 701 series
Omron BP7450	Omron M1 Plus (HEM-4011C-E)	Spengler KP7500D
Omron BP760N (HEM-7320-Z)	Omron M2 (HEM-7117-E)	Spengler Pro M
Omron BP765 (HEM-7311-ZSA)	Omron M2 (HEM-7121-E) *	Transtek LS808-B
Omron Elite 7300W	Omron M2 Basic (HEM-7120-E) *	Transtek TMB-986
Omron HEM-1040	Omron M2 Compact (HEM 7102-E)	Withings BP-800
Omron HEM-705CP	Omron M2 Eco (HEM-7120-AF) *	Withings BPM Core Device (WPM04)
Omron HEM-706	Omron M3 (HEM-7131-E) *	

Validated wrist devices available on the market (48)

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 *	Combei BP880W	Omron RS1 (HEM-6160-E) *
A&D UB-543	Grandway G.LAB MD2200	Omron RS2 (HEM-6161-E) *
Andon iHealth BP7	Grandway G.LAB MD2231	Omron RS2 (HEM-8616-BS) *
Andon iHealth View BP7S *	Health & Life HL158AU-D *	Omron RS3 Intelli IT(HEM-6161T-E) *
Andon KD-723 *	Health & Life HL168JD	Omron RS4 (HEM-6181-E) *
Andon KD-7920	Huawei Watch D2	Omron RS7 Intelli IT (HEM-6232T-E)
Aponorm Mobil Basis *	JOYTECH DBP-2242	Oregon BPW810
Aponorm Mobil Slim *	JOYTECH DBP-8278B	Pangao PG-800A11
Artsana Pic Indolor Travel Check	Kingyield BP210	Pangao PG-800A36
Avita BPM11 *	Microlife BP W100	Rossmax S150

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Avita BPM15S
Avita BPM17
Avita BPM19B *
Avita BPM29 *
Avita BPM32 *
Citizen CH-656C

Microlife BP W3 Comfort *
Microlife W2 Slim
Omron HEM-6181
Omron HEM-6232T
Omron HEM-9601T
Omron HEM-9601T-E3*

SCIAN LD-735
Sensacare SAW-102
Shenzhen Union Technology U60EH
Transtek TMB-2285-BT
Visocor UEBE HM40
Visomat UEBE Handy

Validated wrist devices not available on the market (16)

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
Transtek TMB-988

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