



JOINT INITIATIVE WITH



VALIDATED DEVICES FOR HOME BLOOD PRESSURE MONITORING





















List generated from www.stridebp.org on the 09 Apr 2026

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 (315)

A&D UA-1020	JOYTECH DBP-6191 *	Pangao PG-800B11
 A&D UA-1100NFC	JOYTECH DBP-6191HD *	 Pangao PG-800B18
 A&D UA-1100NFC-W	JOYTECH DBP-6192 *	 Pangao PG-800B26
 A&D UA-1200BLE	 JOYTECH DBP-6279B	Pangao PG-800B5
A&D UA-611Plus *	 JOYTECH DBP-6282B *	Pangao PG-800B68
A&D UA-651	 JOYTECH DBP-6285B *	PEMPA Pempa BP100 *
 A&D UA-651Plus	Kinetik Series 1 (BPM-1)	PEMPA Pempa BP80 *
A&D UA-651SL Plus *	Kingyield BP101H	Philips HP5308
A&D UA-654MR *	Konsung QD217A	 PIC solution CARDIOAfib+ *
A&D UA-705	Lloyds Pharmacy BP11	 PIC solution OneRAPID *
A&D UA-767	Medicare MD1806 *	PMS Mandaus
Andon iHealth BP3	Medipro MediCare 100f (Rossmax)	Polygreen KP-7670
Andon iHealth Clear BPM1 *	Medisana MTP Plus	Prolife Prolife PA5 Comfort (BP136A) *
Andon iHealth Ease BP3L *	Microlife BP 3BTO-A	 Prolife Prolife PA5 Comfort AF (BP 136A)
Andon iHealth Neo BP5S *	 Microlife BP A1 Easy *	 Qardio Inc QardioArm
 Andon iHealth Track	Microlife BP A150 AFIB *	Raycome RBP-9801
Andon iHealth Track KN-550BT	Microlife BP A150-30 AFIB *	 RisingSun RS-651
 Andon KD-5031	 Microlife BP A2 Basic *	Rossmax CF175
Andon KD-558BR *	 Microlife BP A2 Classic *	Rossmax X1 *
Andon KD-5915	 Microlife BP A200 AFIB *	Rossmax X3 *
Andon KD-5917	 Microlife BP A3 PC	Rossmax X5 *
Andon KD-5920 *	 Microlife BP A3L Comfort *	Rossmax X9 *
Andon KD-5923 *	 Microlife BP A6 BT *	Rossmax Z1 *
 Andon KD-595	 Microlife BP A6 PC *	Rossmax Z5 *

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- 🏆 **Aponorm** Basic Control *
- 🏆 **Aponorm** Basic Control PLUS *
- 🏆 **Aponorm** Basis Plus Bluetooth *
- 🏆 **Aponorm** Professional Control *
- 🏆 **Aponorm** Professionell Touch *
- Aposán** DBP-6194 *
- Artsana** CS 410
- Artsana** CSI 610
- Artsana** Pic Indolor Comfort Check
- Artsana** Pic Indolor My Check
- Artsana** Pic Indolor Personal Check
- Avita** BP636
- 🏆 **Avita** BPM636
- Avita** BPM63S
- 🏆 **Avita** BPM64
- Avita** BPM65 *
- 🏆 **Avita** BPM68 *
- 🏆 **Avita** BPM82
- 🏆 **Avita** BPM83 *
- 🏆 **Avita** BPM925-LJB *
- 🏆 **Beurer** BM 28
- Beurer** BM 44
- Beurer** BM23 *
- 🏆 **Beurer** BM27 *
- 🏆 **Beurer** BM53 *
- 🏆 **BPUMP** BF1112
- Braun** BUA4000
- 🏆 **Braun** BUA4050 *
- Citizen** CH-432B
- Citizen** CH-461C
- Citizen** CH-463E
- Colson** MAM BP 3AA1-2
- 🏆 **Combei** BP118A
- CONTEC** CONTEC08A
- 🏆 **CONTEC** CONTEC08C
- CONTEC** CONTEC08CL *
- 🏆 **CONTEC** CONTEC08E *
- CONTEC** CONTEC08ES1 *
- CONTEC** CONTEC08ES3 *
- CONTEC** CONTEC08ES4 *
- CONTEC** CONTEC08ES5 *
- Microlife** BP A7 Touch *
- 🏆 **Microlife** BP B1 AFIB *
- 🏆 **Microlife** BP B1 BT *
- 🏆 **Microlife** BP B1 Classic *
- 🏆 **Microlife** BP B1 Standard *
- 🏆 **Microlife** BP B2 Basic *
- Microlife** BP B2 Easy *
- 🏆 **Microlife** BP B3 Advanced AFIB *
- 🏆 **Microlife** BP B3 AFIB
- 🏆 **Microlife** BP B3 Basic *
- 🏆 **Microlife** BP B3 BT *
- 🏆 **Microlife** BP B3 Plus *
- 🏆 **Microlife** BP B4 BT *
- 🏆 **Microlife** BP B6 Advanced Connect *
- 🏆 **Microlife** BP B6 BASIC *
- Microlife** BP B6 Connect *
- 🏆 **Microlife** BP3KT1-4X (BP B3 Comfort PC)
- 🏆 **Microlife** BP3KV1-5X (BP B6 Connect)
- 🏆 **Microlife** BP3T01-1B
- Microlife** WatchBP Home
- Microlife** WatchBP Home A *
- Microlife** WatchBP Home A BT *
- Microlife** WatchBP Home S *
- 🏆 **Montex** Prolife PX7 Premium
- 🏆 **Motif Medical** BAB0001 *
- 🏆 **Novama** A+ *
- 🏆 **Novama** B *
- 🏆 **Novama** COMFORT+AF *
- 🏆 **Novama** FIRST+ *
- 🏆 **Novama** PRIME+ *
- 🏆 **Novama** PRO BLUE *
- Omron** Complete (HEM-7530T-E3) *
- 🏆 **Omron** Evolv (HEM-7600T-E)
- Omron** HEM-1020
- Omron** HEM-1026 (HCR-1901T2/HCR-1902T2)
- Omron** HEM-7361T
- 🏆 **Omron** HEM-7600T
- Omron** J7136
- 🏆 **Omron** J760
- Omron** M1 Basic (HEM-7090-E) *
- Omron** M1 Basic (HEM-7090-LE) *
- 🏆 **Seagull** S-858DK *
- SEINEX** SE-9400
- 🏆 **SEJOY** BP-1307
- Sensacare** SAA-102
- 🏆 **Spengler** NEO300 *
- 🏆 **Spengler** TENSORIC BRAS*
- 🏆 **TECH-MED** TMA-INTEL 11 *
- Terumo** ES-H55
- Thermor** BIOS BD215
- 🏆 **Thermor** BIOS BD240
- 🏆 **Transtek** LS802-GP *
- 🏆 **Transtek** LS802-GS *
- Transtek** TMB-1491
- 🏆 **Transtek** TMB-1585-BS *
- Transtek** TMB-1776
- Transtek** TMB-2084 *
- Transtek** TMB-2084-A *
- 🏆 **Transtek** TMB-2296-BT
- 🏆 **Viatom** BP2
- Visomat** UEBE Comfort 20/40
- Visomat** UEBE comfort 20/40 REF 24046 *
- Visomat** UEBE Comfort Eco
- Visomat** UEBE Comfort form
- Visomat** UEBE Double Comfort
- Visomat** UEBE Double Comfort REF 24056 *
- 🏆 **Vitammy** next e1 *
- 🏆 **Welch Allyn** Home BP monitor 1700 Series
- 🏆 **Withings** BPM Connect
- 🏆 **Withings** BPM Connect Pro *
- 🏆 **Withings** BPM Pro 2 (WPM07)
- 🏆 **YuWell** S60AR *
- 🏆 **YuWell** S62AR *
- 🏆 **YuWell** S63AR *
- 🏆 **YuWell** S67XR *
- 🏆 **YuWell** S68XR *
- 🏆 **YuWell** YE610A *
- 🏆 **YuWell** YE610AR *
- 🏆 **YuWell** YE610CR *
- 🏆 **YuWell** YE610D *
- 🏆 **YuWell** YE620A *
- 🏆 **YuWell** YE620AR *

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CONTEC CONTEC801 *	Omron M1 Basic (HEM-7121J-LAF) *	YuWell YE620B *
CONTEC CONTEC802 *	Omron M2 (HEM-7143-E) *	YuWell YE620C *
FITAGE FITAGE-06 *	Omron M2 Basic (HEM-7121J-E) *	YuWell YE620CR *
Globalcare GCE603	Omron M2 Comfort HEM-7188-FLD *	YuWell YE620F *
Grandway G.LAB MD2680	Omron M2 Essential (HEM-7188-E) *	YuWell YE630A *
Grandway G.LAB MD41A0	Omron M2 Intelli IT (HEM-7143T1-EBK) *	YuWell YE630AR *
Grandway G.LAB MD6300	Omron M2 Intelli IT+(HEM-7146T2-EBK) *	YuWell YE630E *
Grandway MD2301	Omron M2+ (HEM-7146-E) *	YuWell YE650AR *
Hanvon FF680	Omron M2+ (HEM-7188-LE) *	YuWell YE650C *
Hanvon FY730	Omron M2+ Connect (HEM-7188T1-LE) *	YuWell YE650CR *
Hartmann Veroyal compact +, BPU 26 *	Omron M3 (HEM-7154-E) *	YuWell YE650F *
Hartmann Veroyal compact BPU22 *	Omron M3 Comfort (HEM-7155-ALRU) *	YuWell YE655A *
Hartmann Veroyal duo control	Omron M3 Comfort AFib (HEM-7196-FLE) *	YuWell YE655AR *
Hartmann Veroyal ECG and BP Monitor*	Omron M3 Comfort(HEM-7155-E) *	YuWell YE655B *
Health & Life HL858A2-T *	Omron M300 (HEM-7121J-D) *	YuWell YE655C *
Health & Life HL858GT *	Omron M300 INTELLI IT (HEM-7143T1-D) *	YuWell YE655CR *
Health & Life HL868ED	Omron M4 Connect AF (HEM-7196T1-FLE) *	YuWell YE655D *
Health & Life S-868ED *	Omron M4 Intelli IT (HEM-7155T-ALRU) *	YuWell YE660A *
Hingmed Q06B	Omron M4 Intelli IT(HEM-7155T-EBK) *	YuWell YE660AR *
Hipermax-BF A7101	Omron M400 Comfort (HEM-7155-D) *	YuWell YE660C *
HoMedics BPA-300	Omron M400 Intelli IT (HEM-7155T-D) *	YuWell YE660CR *
HoMedics WGNBPA-540	Omron M500 Intelli IT (HEM-7361T-D) *	YuWell YE660D
HONSUN LD -587 *	Omron M6 Comfort (HEM-7360-E) *	YuWell YE660E *
HONSUN LD-526 *	Omron M6 Comfort AFib(HEM-7380-E) *	YuWell YE660F *
HONSUN LD-528 *	Omron M7 Inteli IT(HEM-7361T-EBK) *	YuWell YE666AR *
HONSUN LD-578	Omron M7 Intelli IT (HEM-7361T-ALRU) *	YuWell YE666CR *
HONSUN LD-579 *	Omron M7 Intelli IT Afib (HEM-7380T1-EBK) *	YuWell YE670A *
HONSUN LD-598 *	Omron X2 Essential (HEM-7188-EO) *	YuWell YE670AR *
HONSUN LD-869 *	Omron X2 Smart (HEM-7143T2-ESL) *	YuWell YE670B *
HONSUN LD-872 *	Omron X2 SMART+(HEM-7146T2-ESL) *	YuWell YE670CR *
HONSUN LD581 *	Omron X2+ Connect (HEM-7188T1-LEO) *	YuWell YE670D *
Ideal Life Blood Pressure Manager	Omron X3 Comfort AFib (HEM-7196-FLEO) *	YuWell YE670F *
IEM Tel-O-GRAPH	Omron X3 Comfort(HEM-7155-EO) *	YuWell YE680A *
InBody BP170	Omron X4 Connect AF (HEM-7196T1-FLEO) *	YuWell YE680AR *
InBody BP170B (HBP170) *	Omron X4 Smart (HEM-7155T-ESL) *	YuWell YE680B
JAMR B23	Omron X7 Smart Afib (HEM-7380T1-EOSL) *	YuWell YE680E *
JAMR F1701T	Omron X7 Smart(HEM-7361T-ESL) *	YuWell YE690A
JOYTECH DBP-1333b	Oregon BPU 330	YuWell YE690AR *
JOYTECH DBP-13D1 *	Panasonic EW3106	YuWell YE690CR *
JOYTECH DBP-6179 *	Panasonic EW3109	YuWell YE690F *

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Validated upper-arm devices not available on the market (83)

A&D UA-631	Omron HEM-705CP	Omron M3 (HEM-7131-E) *
A&D UA-774	Omron HEM-706	Omron M3 (HEM-7200-E)
A&D UA-778	Omron HEM-706/711	🏆 Omron M3 Comfort (HEM-7134-E)
A&D UA-787	Omron HEM-7080IC *	Omron M3 Intellisense (HEM-7051-E)
A&D UA-853	Omron HEM-711 DLX	Omron M3 IT (HEM-7131 U-E) *
A&D UM-201	🏆 Omron HEM-7120	Omron M5-I
Andon iHealth Feel BP5	Omron HEM-7130	Omron M6 (HEM-7001-E)
Andon KD-391	Omron HEM-7201	Omron M6 (HEM-7211-E)
Andon KD-5851	Omron HEM-722C	Omron M6 AC (HEM-7322-E) *
🏆 Andon KD-5965	Omron HEM-7251G	Omron M6 AC ME (HEM-7322-ME) *
Hartmann Tensoval Duo Control II	Omron HEM-7252G-HP	Omron M6 Comfort (HEM-7000-E)
Health & Life HL868BA	🏆 Omron HEM-7320-LA	Omron M6 Comfort (HEM-7221-E)
Health & Life HL888HA	Omron HEM-7320F	🏆 Omron M6 Comfort (HEM-7321-E) *
IEM Stabil-O-Graph	Omron HEM-735C	🏆 Omron M6 Comfort IT (HEM-7322U-E)
Microlife BP 3AC1-1	Omron HEM-7372T1-AZAZ (BP5460)	Omron M7 (HEM-780-E)
Microlife BP 3AC1-1PC	Omron HEM-7420	🏆 Omron M7 Intelli IT (HEM-7322T-E) *
🏆 Microlife BP A100	Omron HEM-7500F	Omron MIT
Microlife BP A100 Plus	Omron HEM-780REL	Omron MIT Elite
Microlife BP A200 Comfort	🏆 Omron HEM-9200T	Omron MX3 Plus (HEM-742-E)
Nissei DS-400	🏆 Omron HEM-9210T	🏆 Omron X6 Comfort (HEM-7360-EO) *
Omron 705IT (HEM-759-E)	Omron HEM-9700T	Rossmax ME 701 series
Omron BP10	Omron i-Q132 (HEM-1010-E)	Spengler KP7500D
🏆 Omron BP5450	Omron M1 Plus (HEM-4011C-E)	Spengler Pro M
🏆 Omron BP7450	Omron M2 (HEM-7117-E)	🏆 Transtek LS808-B
🏆 Omron BP760N (HEM-7320-Z)	Omron M2 (HEM-7121-E) *	Transtek TMB-986
Omron BP765 (HEM-7311-ZSA)	Omron M2 Basic (HEM-7120-E) *	Withings BP-800
Omron Elite 7300W	Omron M2 Compact (HEM 7102-E)	🏆 Withings BPM Core Device (WPM04)
Omron HEM-1040	Omron M2 Eco (HEM-7120-AF) *	

Validated wrist devices available on the market (49)

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 *	CONTEC CONTEC08D *	Omron RS2 (HEM-8616-BS) *
A&D UB-543	Grandway G.LAB MD2200	Omron RS3 Intelli IT(HEM-6161T-E) *
Andon iHealth BP7	Grandway G.LAB MD2231	Omron RS4 (HEM-6181-E) *
Andon iHealth View BP7S *	Health & Life HL158AU-D *	Omron RS7 Intelli IT (HEM-6232T-E)

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Andon KD-723 *
Andon KD-7920
Aponorm Mobil Basis *
Aponorm Mobil Slim *
Artsana Pic Indolor Travel Check
Avita BPM11 *
Avita BPM15S
Avita BPM17
Avita BPM19B *
Avita BPM29 *
Avita BPM32 *
Citizen CH-656C
Combei BP880W

Health & Life HL168JD
JOYTECH DBP-2242
JOYTECH DBP-8278B
Kingyield BP210
Microlife BP W100
Microlife BP W3 Comfort *
Microlife W2 Slim
Omron HEM-6181
Omron HEM-6232T
Omron HEM-9601T
Omron HEM-9601T-E3*
Omron RS1 (HEM-6160-E) *
Omron RS2 (HEM-6161-E) *

Oregon BPW810
Pangao PG-800A11
Pangao PG-800A36
Rossmax S150
SCIAN LD-735
Sensacare SAW-102
Shenzhen Urion Technology U60EH
Spengler NEO100 *
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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