



Medaval rating of Blood Pressure Monitors recommended by *Stride BP*

Monitors are listed according to clinical validation.

Medaval certification is awarded only to devices with the most accurate measurement technology. For accreditation, proof of validation and adherence to international standards is scrutinised by Medaval with independent peer-review.

Devices without evidence of validation include those where the cited paper refers to a different device and those without evidence of possible MDR equivalence to a validated device. Medaval will update devices where scientific proof of validation or MDR equivalence is provided.

Warning: Wrist monitor accuracy requires strict adherence to manufacturer instructions. If the monitor is not positioned correctly, the results can be very inaccurate.

Stride BP Recommendations: Preferred Adults Children Diabetes Mellitus The Elderly Pregnancy Obese Adults Chronic Kidney Disease

Other Symbols: Discontinued Obsolete Research Device

★★★★★ Certified 5-Star Blood Pressure Monitors ★★★★★

A&D UA-651	Novacor Diasys 3	Omron RS6 (HEM-6221-E)
iHealth Feel BP5	Novacor Diasys 3 Plus	Visomat Double Comfort (24050) (v1)
Microlife BP A200 Comfort (BP 3MS1-4A)	Omron M3500 NIBP Module	
Microlife BP W2 Slim	Omron RS3 (HEM-6130-E)	

★★★★ Certified 4-Star Blood Pressure Monitors ★★★★★

A&D UB-543	iHealth BP3 (KD-931)	Omron HEM-7500F
Andon KD-5851	iHealth Sense BP7 (KD-972)	Omron RS8 (HEM-6310F-E)
Andon KD-5917	Omron BP760N (HEM-7320-Z)	PangaO PG-800B11
Andon KD-5965	Omron BP765 (HEM-7311-ZSA)	PangaO PG-800B5-1
Avita BPM63S	Omron HEM-7130 (JP)	PangaO PG-800B68
BIOS BD215 (Precision 8.0)	Omron HEM-7251G	Rossmax CF175f (V1)
Custo Med custo screen 400	Omron HEM-7252G-HP	
Honsun Scian LD-735	Omron HEM-7320F	

★★★ 3-Star Blood Pressure Monitors ★★★

Grandway MD2200-W (G.LAB)	Huawei Watch D	Omron HEM-9210T (HEM-9210T-E)
Grandway MD2231 (G.LAB)	Microlife WatchBP Office (Twin200)	Omron M3 Comfort (HEM-7134-E)
Grandway MD2301	Microlife WatchBP Office ABI (Twin200 ABI)	PangaO PG-800A36 (V1)
Grandway MD2680 (G.LAB)	Nissei DM-3000	PangaO PG-800B26
H&L HL868ED	Omron Evolv (HEM-7600T-E)	Withings BPM Connect (WPM05)



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★★ 2-Star Blood Pressure Monitors ★★

A&D TM-2441 (A)	InBody BPBIO250 (A)	Omron HEM-9700T (A)
A&D UA-1020 (A)	InBody BPBIO320 (A)	Omron M6 Comfort (HEM-7221-E) (A) (D)
A&D UA-1200BLE (A)	InBody BPBIO750 (A)	PangaO PG-800A11 (A)
A&D UM-201 (A)	Konsung QD-217A (A)	PAR Tonoport VI (A)
A&D UM-211 (A)	Meditech ABPM-06 (A)	Petr Telegin BpLab (A) (C)
Andon KD-5031 (A)	MicroLife BP B3 AFib (BP 3KT1-3N) (A)	Philips DL8760-15 (A)
Andon KD-595 (A)	MicroLife WatchBP O3 Ambulatory (2G) (BP 3SZ1-1) (A)	PolyGreen KP-7670 (A) (D)
Avita BPM15S (A)	Midmark IQvitals Zone (A) (C)	Qardio QardioArm A100 (A)
Avita BPM17 (A)	Omron HBP-1300 (HBP-1300-E) (A) (C) (D)	RisingSun RS-651 (A) (D)
Beware 24h-ABPM (ABP-021) (A)	Omron HBP-1320 (HBP-1320-E) (A) (C)	Rossmax S150 (V1) (A)
Beurer BM 28 (A) (D)	Omron HBP-9031C (A)	Sejoy Joytech DBP-1307 (Sejoy BP-1307, Joytech DBP-1307) (A)
BIOS BD240 - 2019 (Precision 8.0 - Protocol 7D) (A)	Omron Heartguide BP8000-L (HEM-6410T-ZL) (A)	Spacelabs OnTrak (90227) (A)
Bpump BF1112 (A)	Omron Heartguide BP8000-M (HEM-6410T-ZM) (A)	Suntech CT40 (A)
Combei BP118A (A)	Omron HEM-1040 (A)	Transtek LS808-B (A)
ERKA. Erkameter 125 PRO (A)	Omron HEM-6181 (A)	Transtek TMB-1491 (A)
Globalcare GCE603 (A)	Omron HEM-6232T (A) (C)	Transtek TMB-1776 (A)
Hartmann Tensoval Duo Control II (A) (D)	Omron HEM-7120 (A)	Universidad de Extremadura QMon-20 (A) (D)
Hillrom ProBP 2000 (A) (C)	Omron HEM-7420 (A)	Withings BP-800 (A)
Hingmed WBP-02A Hospital (A)	Omron HEM-7600T (A)	Yuwell YE680B (A) (D)
iHealth CardioMed (ABP100) (A)	Omron HEM-9200T (A)	Yuwell YE690A (A)
InBody BP170 (A)	Omron HEM-9600T (A)	Yuwell YE900 (A) (C)
InBody BPBIO210 (A)	Omron HEM-9601T (A)	

★ 1-Star Blood Pressure Monitors ★

A&D TM-2420 (A) (D)	MicroLife BP 3AS1-2 (BP 3AS1-2R) (A) (P) (D)	Omron M3 (HEM-7200-E) (A) (D)
A&D TM-2430 (C)	MicroLife BP 3BT0-A (A) (P) (D)	Omron M3 Intellisense (HEM-7051-E) (A) (K) (D)
A&D TM-2656 (A)	MicroLife BP A100 (Type A) (A) (D) (D)	Omron M5-I (HEM-757-E) (A) (E)
A&D UM-101 (A)	MicroLife BP A100 Plus (BP 3MC1-1N) (A)	Omron M6 (HEM-7001-E) (A) (C) (E) (D)
Accoson Greenlight 300 (AC0702A) (A)	MicroLife BP W100 (BP 3MK1-3) (A)	Omron M6 (HEM-7211-E) (A) (D)
BpTru BPM-100 (A) (C) (D)	MicroLife WatchBP Home (BP 3MX1-1) (A) (P)	Omron M7 (HEM-780-E) (A) (P) (D)
Datascope Accutorr Plus (A)	MicroLife WatchBP O3 (BP 3MZ1-1) (A) (D)	Omron MIT (HEM-751-E) (A) (P) (D)
H&L HL888HA (A)	MicroLife WatchBP Office Central (Twin200 CBP) (A) (C) (C)	Omron MX3 Plus (HEM-742-E) (A) (D)
Hartmann Tensoval Duo Control (A)	Nihon-Kohden Vismo PVM-2701 (A) (C)	Omron R5-I (HEM-630-E) (E) (D)
IEM Mobil-O-Graph NG (A)	Nissei DS-400 (A) (D)	Panasonic EW-3106 (A) (D)
IEM Tel-O-Graph BT (A)	Omron 637IT (HEM-637IT-E) (A) (C) (E) (D)	Rossmax AC1000f (V2) (A)
IEM Tel-O-Graph GSM (A)	Omron 705IT (HEM-759-E) (A) (C) (D)	Spacelabs 90207 (A)
Kingyield BP-210 (A)	Omron HEM-705CP (V2) (A)	Spacelabs 90217 (A)
Medipro MC-100F (A) (D)	Omron HEM-706 (A) (D)	Suntech Oscar 2 (A)
Medisana MTP Plus (51043) (A) (D)	Omron HEM-907 (HEM-907-E7) (A) (E) (D)	Welch Allyn Vital Signs (A) (P) (C)



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A&D TM-2655 (A)
 A&D UA-631 (A)
 A&D UA-705 (A)
 A&D UA-767 (A)
 A&D UA-774 (A)
 A&D UA-787 (A)
 A&D UA-851 (A)
 A&D UA-852 (A)
 A&D UA-853 (A)
 A&D UA-854 (A)
 A&D UA-855 (A)
 A&D UB-511 (A)
 Andon KD-391 (A)
 Andon KD-5915 (A)
 Artsana (Pic Solution) CS-410 (A D)
 Artsana (Pic Solution) CSI-610 (A D)
 Braun BP-2550 (UG) (A D)
 Braun SensorControl BP-3550 (A D)
 Braun VitalScan Plus (BP-1650) (A D)
 Cardiette BP One (A)
 Citizen CH-432B (A D)
 Citizen CH-461C (A D)
 Citizen CH-463E (A D)
 Citizen CH-656C (A D)
 Colin BP-10 (A D)
 Colson MAM BP 3AA1-2 (A D)
 Dinamap ProCare (DPC 100X-EN) (A O)
 Disetronic Profilomat (A O)
 EnviteC PhysioQuant ABPM (45-00-0500) (A)

Other Validated Blood Pressure Monitors

Finapres Finometer Pro (A)
 Gambro Dasco HD-BPM (A O)
 H&L HL168JD (A)
 H&L HL868BA (A)
 HoMedics BPA-300 (A D)
 HoMedics BPA-540 (A D)
 Honsun Scian LD-578 (A D)
 IEM Mobil-O-Graph (Version 12) (A O)
 IEM Stabil-O-Graph (A O)
 Kingyield BP-101H (A)
 Lloyds BP11 (A D)
 Meditech ABPM-04 (A)
 Microlife BP 3AC1-1 (A D)
 Microlife BP W200-1 (A O)
 Omron Elite 7300W (HEM-7300-EZ) (A D)
 Omron HBP-T105 (A)
 Omron HEM-1020 (A)
 Omron HEM-711 (A)
 Omron HEM-711DLX (A D)
 Omron i-Q132 SpotArm (HEM-1010-E) (A D)
 Omron M1 Plus (HEM-4011C-E) (A D)
 Omron M2 (HEM-7117-E) (A D)
 Omron M2 Compact (HEM-7102-E) (A)
 Omron M6 Comfort (HEM-7000-E) (A D)
 Omron R2 (HEM-6113-E) (A D)
 Omron R3-I Plus (HEM-6022-E) (A D)
 Omron RX (A D)
 Oregon BPU 330 (A D)
 Oregon BPW810 (A)
 Panasonic EW-3109 (A D)
 Pharma-Smart PS-2000 (A)
 Philips HP-5308 (A O)
 Pic Solution Comfort Check (A D)
 Pic Solution My Check (A D)
 Pic Solution Personal Check (A D)
 Pic Solution Professional Check (A)
 Pic Solution Travel Check (A D)
 PMS Mandaus (A D)
 Rossmax Mandaus II (GA101, GA102, GA112) (A)
 Rossmax ME701 (A D)
 Schiller BR-102 Plus (v1) (A D)
 Seinex SE-9400 (A D)
 SensaCare SAA-102 (A)
 SensaCare SAW-102 (A)
 Sorin Agilis (A)
 Spengler KP7500 D (A D)
 Spengler Pro M (A D)
 Suntech 247 (A)
 Tensiomed Tensiday (A)
 Terumo Elemanno ES-H55 (A)
 Tiba Ambulo 2400 (A C)
 Transtek TMB-986 (A)
 Transtek TMB-988 (A)
 Visocor HM40 (22040) (A D)
 Visomat Comfort 20-40 (24040) (v2) (A D)
 Visomat Comfort Eco (v2) (A D)
 Visomat Comfort Form (24035) (v1) (A D)
 Visomat Handy (21050) (A)

Blood Pressure Monitors Validated in a Specific Population

A&D UA-778 (C)
 Beurer BM 44 (A)
 Custo Med custo screen Pediatric (A C)
 Dinamap ProCare 400 (A P)
 Hillrom Home 1700 (H-BP100SBP) (A P)
 iHealth Track (KN-550BT) (A P)
 InBody BPBIO320S (A)
 Kinetik BPM1C (A D)
 Microlife BP 3AC1-1 PC (K D)
 Microlife BP A3 PC (BP 3GX1-5X) (A D)
 Omron HEM-7080IC (A C)
 Omron HEM-7201 (A)
 Omron HEM-722C (E D)
 Omron HEM-7320-LA (A)
 Omron HEM-735C (E O)
 Omron M6 Comfort IT (HEM-7322U-E) (A D)
 Omron MIT Elite (HEM-7300-WE7) (P)
 Omron RS7 Intelli IT (HEM-6232T-E) (A O)
 PAR Physio-Port UP (A P)
 Raycome RBP-1200 (A C)
 ReliOn HEM-780REL (v1) (A O)



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Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device

A&D TM-2440 (A)	Handok Barozen HBP570 (A)	Omron Complete (HEM-7530T-E3) (A)
A&D UA-611 Plus (A)	Hartmann Veroyal BP750X (2-in-1 ECG) (A)	Omron HBP-9030 (A)
A&D UA-651 Plus (UA-656A-JCB1) (A)	Hartmann Veroyal Compact BPU-22 (A)	Omron HeartGuide (HEM-6411T-MAE) (A)
A&D UA-651SL Plus (A)	iHealth Clear (BPM1) (A)	Omron M1 Basic (HEM-7121J-AF) (A)
A&D UA-654MR (UA-654B-JC61) (A)	iHealth Ease (BP3L) (A)	Omron M1 Basic (HEM-7121J-LAF) (A)
A&D UB-1100BLE (A)	iHealth Neo BP5S (A)	Omron M2 (HEM-7121-E) (A)
Andon KD-558BR (A)	iHealth View (BP7S) (A)	Omron M2 Basic (HEM-7120-E) (A)
Andon KD-5920 (A)	InBody BP170B (A)	Omron M2 Basic (HEM-7121J-E) (A)
Andon KD-5923 (A)	InBody BPBIO320N (A)	Omron M2 Eco (HEM-7120-AF) (A)
Andon KD-723 (A)	InBody BPBIO330 (A)	Omron M3 (HEM-7131-E) (A)
Aponorm Basis Control 4G (A)	InBody BPBIO330N (A)	Omron M3 (HEM-7154-E) (A)
Aponorm Basis Control Plus 4G (A)	Medicare Lifesense A5 (MD1806) (A)	Omron M3 Comfort (HEM-7155-ALRU) (A)
Aponorm Basis Plus Bluetooth 3G (A)	Microlife BP A1 Easy (BP 3GR1-1P) (A)	Omron M3 Comfort (HEM-7155-E) (A)
Aponorm Mobil Basis 3G (A)	Microlife BP A150 Afib (BP 3MS1-4F) (A)	Omron M3 IT (HEM-7131U-E) (A)
Aponorm Mobil Slim 3G (A)	Microlife BP A150-30 Afib (A)	Omron M4 Intelli IT (HEM-7155T-ALRU) (A)
Aponorm Professional Control 4G (A)	Microlife BP A2 Basic (BP 3GQ1-3P) (A)	Omron M4 Intelli IT (HEM-7155T-EBK) (A)
Aponorm Professionell Touch 3G (A)	Microlife BP A2 Classic (BP 3AQ1-1P) (aka A2 Standard) (A)	Omron M400 Comfort (HEM-7155-D) (A)
Avita BPM11 (v2) (A)	Microlife BP A200 Afib (BP 3MS1-4KT) (A)	Omron M400 Intelli IT (HEM-7155T-D) (A)
Avita BPM19B (A)	Microlife BP A3L Comfort (BP 3GX1-3A, A3L-IMT) (A)	Omron M500 Intelli IT (HEM-7361T-D) (A)
Avita BPM29 (A)	Microlife BP A6 BT (BP 3GU1-7B) (A)	Omron M6 AC (HEM-7322-E) (A)
Avita BPM32 (A)	Microlife BP A6 PC (aka A6 Plus, A6 Basic) (A)	Omron M6 AC ME (HEM-7322-ME) (A)
Avita BPM65 (A)	Microlife BP A7 Touch (A)	Omron M6 Comfort (HEM-7321-E) (A)
Avita BPM68 (A)	Microlife BP B2 Basic (BP 3KA1-3N) (A)	Omron M6 Comfort (HEM-7360-E) (A)
Avita BPM82 (A)	Microlife BP B2 Easy (BP 3KA1-1E) (A)	Omron M7 Intelli IT (HEM-7322T-E) (A)
Avita BPM83 (A)	Microlife BP B6 Advanced Connect (A)	Omron M7 Intelli IT (HEM-7361T-ALRU) (A)
Beurer BM 26 (A)	Microlife BP B6 Connect (BP 3KV1-5X) (A)	Omron M7 Intelli IT (HEM-7361T-EBK) (A)
Beurer BM 27 (A)	Microlife BP W3 Comfort (BP 3KB1-3E) (A)	Omron Nightview (HEM-9601T-E3) (A)
Beurer BM 35/1 (A)	Microlife WatchBP Home A (BP 3MX1-3) (A)	Omron RS1 (HEM-6160-E) (A)
Beurer BM 40 (A)	Microlife WatchBP Home A BT (BP 3MX1-3C) (A)	Omron RS3 Intelli IT (HEM-6161T-E) (A)
Boots 82-01-749 [RS2 (HEM-8616-BS)] (A)	Microlife WatchBP Home S (BP 3MX1-5) (A)	Omron RS4 (HEM-6181-E) (A)
GE Tonoport V (A)	Microlife WatchBP O3 AFib Ambulatory (BP 3MZ1-1A) (A)	Omron X2 Basic (HEM-7121J-EO) (A)
H&L HL858A2-T (A)	Microlife WatchBP Office 2G (BP 3SK1-3B) (A)	Omron X3 Comfort (HEM-7155-EO) (A)
H&L HL858GT Talking (A)	Microlife WatchBP Office AFib (Twin200 AFS) (A)	Omron X4 Smart (HEM-7155T-ESL) (A)



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Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device

Omron X6 Comfort (HEM-7360-EO) (A) (P)	Rossmax Z1 (A)	Transtek TeleRPM BPM(BLE) 2022 (TMB-2084-A (V1)) (A)
Omron X7 Smart (HEM-7361T-ESL) (A) (P)	Rossmax Z5 (A)	Transtek TMB-2084 (A)
Rossmax X1 (V1) (A) (D)	Seagull S-868ED (A)	Visomat Comfort 20-40 (24046) (v3) (A)
Rossmax X3 (V1) (A) (D)	Spengler Tensonic Arm (A)	Visomat Double Comfort (24056) (v2) (A)
Rossmax X5 (V2) (A)	Transtek LS802-GP (A)	Withings BPM Connect Pro (WPM06) (A) (P)
Rossmax X9 (A)	Transtek TeleRPM BPM Gen 1 (LS802-GS) (A)	Yuwell YE660E (A)

Blood Pressure Monitors being Audited

Microlife BP B1 Classic (A)	Microlife BP B3 BT (BP 3KT1-4B) (A)	Microlife Cradle VSA (BP 3GP1-1L) (A) (P)
Microlife BP B3 AFib Advanced (A)	Microlife BP B3 Plus (BP 3KT1-4F) (A)	
Microlife BP B3 Basic (BP 3KT1-3F) (A)	Microlife BP B6 Basic (A)	

Blood Pressure Monitors without Evidence of Scientific Validation

Avita BPM64 (v2) (A)	Omron RS2 (HEM-8616-BS) (A)	Transtek TMB-1585-BS (A)
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| ‣ Check if your device is validated | ‣ Manufacturer Statistics | ‣ Pulse Oximeters |
| ‣ Devices not proven to be validated | ‣ Validation procedures | ‣ Connected Health Devices |