



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 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 Previously Preferred Listed as Unavailable Listed Previously
 Adults Children Diabetes Mellitus The Elderly Pregnancy

Other Symbols: Obese Adults Chronic Kidney Disease
 Discontinued Obsolete Research Device

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

A&D UA-651	Novacor Diasys 3 Plus
iHealth Feel BP5	Omron M3500 NIBP Module
iHealth Sense BP7 (KD-972)	Omron RS3 (HEM-6130-E)
Microlife BP A200 Comfort (BP 3MS1-4A)	Omron RS6 (HEM-6221-E)
Microlife BP W2 Slim	Visomat Double Comfort (24050) (V1)
Novacor Diasys 3	

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

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

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

Andon KD-595	Meditech ABPM-06
AViTA BPM636	Microlife WatchBP Office (Twin200)
Grandway MD2200-W (G.LAB)	Microlife WatchBP Office ABI (Twin200 ABI)
Grandway MD2231 (G.LAB)	Omron Evolv (HEM-7600T-E)
Grandway MD2301	Omron HEM-9210T (HEM-9210T-E)
Grandway MD2680 (G.LAB)	Omron M3 Comfort (HEM-7134-E)
H&L HL868ED	PangaO PG-800A36 (V1)
Huawei Watch D	PangaO PG-800B26
iHealth Track (KN-550BT)	SOMNOMedics ABPMpro
KOROT P3 Accurate (InBody BPBIO480KV)	Withings BPM Connect (WPM05)

★★ 2-Star Blood Pressure Monitors ★★

A&D TM-2441	A&D UA-1200BLE
A&D UA-1100NFC	A&D UA-651 Plus (UA-656A-JCB1)
A&D UA-1100NFC-W	A&D UA-651SL Plus



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★★ 2-Star Blood Pressure Monitors ★★ (Continued)

A&D UM-201	Omron HBP-9031C
A&D UM-211	Omron HBP-M4500 NIBP Module
A&D UM-212BLE	Omron HCR-1901T2/HCR-1902T2 (HEM-1026)
Andon KD-5031	Omron Heartguide BP8000-L (HEM-6410T-ZL)
AViTA BPM17	Omron Heartguide BP8000-M (HEM-6410T-ZM)
AViTA BPM64 (V1)	Omron HEM-1040
AViTA BPM82	Omron HEM-6181
Beneware 24h-ABPM (ABP-021)	Omron HEM-6232T
Beurer BM 28	Omron HEM-7120
BIOS BD240 - 2019 (Precision 8.0 - Protocol 7D)	Omron HEM-7600T
Bpump BF1112	Omron HEM-9200T
Braun BUA4000	Omron HEM-9600T
Combei BP118A	Omron HEM-9601T
Combiomed Hipermax BF (A7101)	Omron HEM-9700T
Edan SA-10	PangaO PG-800A11
ERKA. Erkameter 125 PRO	PAR Tonoport VI
Globalcare GCE603	Petr Telegin BpLab Standard
Grandway MD6300 (G.LAB)	Philips DL8760-15
Hanvon FF680	Qardio QardioArm A100
Hillrom ProBP 2000	Raycome M2 (maibobo)
Hingmed DBP-01P	Raycome RBP-9801 (V2) (maibobo)
Hingmed WBP-02A (V2)	RisingSun RS-651
iHealth CardioMed (ABP100)	Sejoy Joytech DBP-1307 (Sejoy BP-1307, Joytech DBP-1307)
InBody BP170	Sejoy Joytech DBP-1333b
InBody BPBIO210	Sejoy Joytech DBP-2242 (Sejoy BSP-22)
InBody BPBIO250	Sejoy Joytech DBP-6279B
InBody BPBIO320	Sejoy Joytech DBP-8278B
InBody BPBIO750	Somno Somnotouch NIBP (TON100)
Jamr B23	Spacelabs OnTrak (90227)
Jamr F1701T	Suntech CT40
Kang KC-2850	TaiDoc TD-3127AT URiGHT
Konsung QD-217A	Transtek LS808-B
KOROT V2 Doctor (InBody BPBIO280KV)	Transtek TMB-1491
Maisense Freescan BPM-490	Transtek TMB-1776
Microlife BP B3 AFib (BP 3KT1-3N)	Transtek TMB-2285-BT
Microlife WatchBP O3 Ambulatory (2G) (BP 3SZ1-1)	Transtek TMB-2296-BT
Midmark IQvitals Zone	Universidad de Extremadura QMon-20
Nissei DM-3000	Urion U60EH
Omron BP5450 (HEM-7343T-Z) Platinum	Withings BPM Core (WPM04)
Omron BP5460 (HEM-7372T1-AZAZ)	Yuwell YE660D (V2)
Omron BP7450 (HEM-7342T-Z) 10 Series	Yuwell YE680B
Omron HBP-1300 (HBP-1300-E)	Yuwell YE690A (V1)
Omron HBP-1320 (HBP-1320-E)	Yuwell YE900

★ 1-Star Blood Pressure Monitors ★

A&D TM-2420	A&D UA-1020
A&D TM-2430	A&D UM-101



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★ 1-Star Blood Pressure Monitors ★ (Continued)

Accoson Greenlight 300 (AC0702A)

AViTA BPM15S

BpTru BPM-100

CasMed 9010

Colin BP-8800MS

Datascope Accutorr Plus

H&L HL888HA

Hartmann Tensoval Duo Control

Hartmann Tensoval Duo Control II

IEM Mobil-O-Graph NG

IEM Tel-O-Graph BT

IEM Tel-O-Graph GSM

Medipro MC-100F

Medisana MTP Plus (51043)

Microlife BP 3AS1-2 (BP 3AS1-2R)

Microlife BP 3BT0-A

Microlife BP A100 (Type A)

Microlife BP A100 Plus (BP 3MC1-1N)

Microlife BP W100 (BP 3MK1-3)

Microlife WatchBP Home (BP 3MX1-1)

Microlife WatchBP O3 (BP 3MZ1-1)

Nissei DS-400

Omron 637IT (HEM-637IT-E)

Omron 705IT (HEM-759-E)

Omron HEM-705CP (V2)

Omron HEM-706

Omron HEM-907 (HEM-907-E7)

Omron M3 (HEM-7200-E)

Omron M3 Intellisense (HEM-7051-E)

Omron M5-I (HEM-757-E)

Omron M6 (HEM-7001-E)

Omron M6 (HEM-7211-E)

Omron M6 (HEM-7420)

Omron M6 Comfort (HEM-7221-E)

Omron M7 (HEM-780-E)

Omron MIT (HEM-751-E)

Omron MX3 Plus (HEM-742-E)

Omron R5-I (HEM-630-E)

Panasonic EW-3106

PolyGreen KP-7670

Rossmax AC1000f (V2)

Rossmax S150 (V1)

Spacelabs 90207

Spacelabs 90217

Suntech Oscar 2

Welch Allyn Vital Signs

Withings BP-800

Other Validated Blood Pressure Monitors

A&D TM-2655

A&D TM-2656

A&D UA-631

A&D UA-705

A&D UA-767

A&D UA-774

A&D UA-787

A&D UA-851

A&D UA-852

A&D UA-853

A&D UA-854

A&D UA-855

A&D UB-511

Andon KD-391

Andon KD-5915 (V1)

Artsana (Pic Solution) CS-410

Artsana (Pic Solution) CSI-610

Braun BP-2550 (UG)

Braun SensorControl BP-3550

Braun VitalScan Plus (BP-1650)

Cardiette BP One

Citizen CH-432B

Citizen CH-461C

Citizen CH-463E

Citizen CH-656C

Colin BP-10

Colson MAM BP 3AA1-2

Dinamap ProCare (DPC 100X-EN)

Dinamap ProCare 100

Disetronic Profilomat

EnviteC PhysioQuant ABPM (45-00-0500)

Finapres Finometer Pro

Gambro Dasco HD-BPM

H&L HL168JD

H&L HL868BA

HoMedics BPA-300

HoMedics BPA-540

Honsun Scian LD-578

IEM Mobil-O-Graph (Version 12)

IEM Stabil-O-Graph

Kingyield BP-101H

Kingyield BP-210



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Other Validated Blood Pressure Monitors (Continued)

Lloyds BP11 (A)(D)	Pic Solution My Check (A)(D)
Meditech ABPM-04 (A)(D)	Pic Solution Personal Check (A)(D)
Microlife BP 3AC1-1 (A)(D)	Pic Solution Professional Check (A)
Microlife BP W200-1 (A)(D)	Pic Solution Travel Check (A)(D)
Microlife WatchBP Office Central (Twin200 CBP) (K)(A)(C)(D)	PMS Mandaus (A)(D)
Nihon-Kohden Vismo PVM-2701 (A)(C)	Rossmax Mandaus II (GA101, GA102, GA112) (A)(D)
Omron Elite 7300W (HEM-7300-EZ) (A)(D)	Rossmax ME701 (A)(D)
Omron HBP-T105 (A)(D)	Schiller BR-102 Plus (V1) (A)(D)
Omron HEM-1020 (A)	Seinex SE-9400 (A)(D)
Omron HEM-711 (A)(D)	SensaCare SAA-102 (A)
Omron HEM-711DLX (A)(D)	SensaCare SAW-102 (A)
Omron i-Q132 SpotArm (HEM-1010-E) (A)(D)	Sorin Agilis (A)(D)
Omron M1 Plus (HEM-4011C-E) (A)(D)	Spengler KP7500 D (A)(D)
Omron M2 (HEM-7117-E) (A)(D)	Spengler Pro M (A)(D)
Omron M2 Compact (HEM-7102-E) (A)(D)	Suntech 247 (A)(D)
Omron M6 Comfort (HEM-7000-E) (A)(D)	Tensiomed Tensioday (A)(D)
Omron R2 (HEM-6113-E) (A)(D)	Terumo Elemanno ES-H55 (A)
Omron R3-I Plus (HEM-6022-E) (A)(D)	Tiba Ambulo 2400 (A)(C)
Omron RX (A)(D)	Transtek TMB-986 (A)(D)
Oregon BPU 330 (A)(D)	Transtek TMB-988 (A)(D)
Oregon BPW810 (A)	Visocor HM40 (22040) (A)(D)
Panasonic EW-3109 (A)(D)	Visomat Comfort 20-40 (24040) (V2) (A)(D)
Pharma-Smart PS-2000 (A)	Visomat Comfort Eco (V2) (A)(D)
Philips HP-5308 (A)(D)	Visomat Comfort Form (24035) (V1) (A)(D)
Pic Solution Comfort Check (A)(D)	Visomat Handy (21050) (A)

Blood Pressure Monitors Validated in a Specific Population

A&D UA-778 (C)(D)	Omron HEM-722C (E)(D)
Custo Med custo screen Pediatric (P)(C)	Omron HEM-735C (E)(D)
Dinamap ProCare 400 (P)	Omron M6 Comfort IT (HEM-7322U-E) (P)(D)(D)
Grandway MD41A0 (G.LAB) (P)(D)	Omron MIT Elite (HEM-7300-WE7) (P)(D)
Hillrom Home 1700 (H-BP100SBP) (P)(A)	Omron RS7 Intelli IT (HEM-6232T-E) (A)(D)
Microlife BP 3AC1-1 PC (A)(D)	PAR Physio-Port UP (P)
Microlife BP A3 PC (BP 3GX1-5X) (P)(A)(D)	Raycome RBP-1200 (P)(C)
Omron HEM-7080IC (A)(C)(D)	Raziel (Ideal Life) BP Manager (BPM 0001) (P)(D)
Omron HEM-7201 (P)(A)(D)	

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

A&D TM-2440 (P)(A)	Aponorm Basis Control Plus 4G (P)(A)
A&D UA-611 Plus (A)	Aponorm Basis Plus Bluetooth 3G (P)(A)(D)
A&D UA-654MR (UA-654B-JC61) (P)(A)(D)	Aponorm Mobil Basis 3G (A)
A&D UB-1100BLE (A)	Aponorm Mobil Slim 3G (A)
Andon KD-558BR (P)(A)	Aponorm Professional Control 4G (P)(A)
Andon KD-5920 (P)(A)	Aponorm Professionell Touch 3G (P)(A)(D)
Andon KD-5923 (P)(A)	Aposan DBP-6194 (A)
Andon KD-723 (A)	AViTA BPM11 (V2) (A)
Aponorm Basis Control 4G (P)(A)	AViTA BPM19B (A)



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Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device (Continued)

AViTA BPM29	Microlife BP B2 Basic (BP 3KA1-3N)
AViTA BPM32	Microlife BP B2 Easy (BP 3KA1-1E)
AViTA BPM65	Microlife BP B3 AFib Advanced
AViTA BPM68	Microlife BP B3 Basic (BP 3KT1-3F)
AViTA BPM83	Microlife BP B3 BT (BP 3KT1-4B)
Beurer BM 26	Microlife BP B3 Plus (BP 3KT1-4F)
Beurer BM 27	Microlife BP B4 BT (BP HJB2-D)
Beurer BM 35/1	Microlife BP B6 Advanced Connect
Beurer BM 40	Microlife BP B6 Basic
Beurer BM 53	Microlife BP B6 Connect (BP 3KV1-5X)
Boots 82-01-749 [RS2 (HEM-8616-BS)]	Microlife BP W3 Comfort (BP 3KB1-3E)
Braun BUA4050	Microlife Cradle VSA (BP 3GP1-1L)
Custo Med custo screen 300	Microlife WatchBP Home A (BP 3MX1-3)
Custo Med custo screen 310	Microlife WatchBP Home A BT (BP 3MX1-3C)
Fitage Fitage-06	Microlife WatchBP Home S (BP 3MX1-5)
GE Tonoport V	Microlife WatchBP O3 AFib Ambulatory (BP 3MZ1-1A)
H&L HL158AU-D	Microlife WatchBP Office 2G (BP 3SK1-3B)
H&L HL858A2-T	Microlife WatchBP Office AFib (Twin200 AFS)
H&L HL858GT Talking	Novama Comfort+ AF (BP 68)
Handok Barozen HBP570	Novama First+ (V2)
Hartmann Veroval 2-in-1 ECG (BP750X)	Novama Prime+ (BPM83)
Hartmann Veroval Compact (BPU 22) (V1)	Novama Pro Blue
Hartmann Veroval Compact+ (BPU 26)	Novama White A+
Honsun LD-872	Omron Complete (HEM-7530T-E3)
IEM Mobil-O-Graph PWA	Omron HBP-1120 (HBP-1120-E)
iHealth Clear (BPM1)	Omron HBP-9030
iHealth Ease (BP3L)	Omron HeartGuide (HEM-6411T-MAE)
iHealth Neo BP5S	Omron HEM-7320-LA
iHealth View (BP7S)	Omron M1 Basic (HEM-7121J-AF)
InBody BP170B	Omron M1 Basic (HEM-7121J-LAF)
InBody BPBIO320N	Omron M2 (HEM-7121-E)
InBody BPBIO320S	Omron M2 Basic (HEM-7120-E)
InBody BPBIO330	Omron M2 Basic (HEM-7121J-E)
InBody BPBIO330N	Omron M2 Classic (HEM-7143-E (V1))
Medicare Lifesense A5 (MD1806)	Omron M2 Eco (HEM-7120-AF)
Microlife BP A1 Easy (BP 3GR1-1P)	Omron M2 Intelli IT (HEM-7143T-EBK)
Microlife BP A150 Afib (BP 3MS1-4F)	Omron M2 Intelli IT+ (HEM-7146T2-EBK)
Microlife BP A150-30 Afib	Omron M2+ (HEM-7146-E)
Microlife BP A2 Basic (BP 3GQ1-3P)	Omron M3 (HEM-7131-E)
Microlife BP A2 Classic (BP 3AQ1-1P) (aka A2 Standard)	Omron M3 (HEM-7154-E)
Microlife BP A200 Afib (BP 3MS1-4KT)	Omron M3 Comfort (HEM-7155-ALRU)
Microlife BP A3L Comfort (BP 3GX1-3A, A3L-IMT)	Omron M3 Comfort (HEM-7155-E)
Microlife BP A6 BT (BP 3GU1-7B)	Omron M3 IT (HEM-7131U-E)
Microlife BP A6 PC (aka A6 Plus, A6 Basic)	Omron M300 (HEM-7121J-D)
Microlife BP A7 Touch	Omron M300 Intelli IT (HEM-7143T1-D)
Microlife BP B1 Classic	Omron M4 Intelli IT (HEM-7155T-ALRU)
Microlife BP B1 Standard (BP HJA2-0)	Omron M4 Intelli IT (HEM-7155T-EBK)



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Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device (Continued)

Omron M400 Comfort (HEM-7155-D) (A) (P)	Transtek TMB-1585-BS (A)
Omron M400 Intelli IT (HEM-7155T-D) (A) (P)	Transtek TMB-2084 (V1) (A) (D)
Omron M500 Intelli IT (HEM-7361T-D) (A) (P)	Visomat Comfort 20-40 (24046) (V3) (A)
Omron M6 AC (HEM-7322-E) (A) (D)	Visomat Double Comfort (24056) (V2) (A)
Omron M6 AC ME (HEM-7322-ME) (A) (D)	Vitammy Next E1 (A)
Omron M6 Comfort (HEM-7321-E) (A) (P) (D)	Withings BPM Connect Pro (WPM06) (A) (P)
Omron M6 Comfort (HEM-7360-E) (A) (P)	Yuwell S63AR (A)
Omron M6 Comfort AFib (HEM-7380-E) (A) (P)	Yuwell S67XR (A)
Omron M7 Intelli IT (HEM-7322T-E) (A) (P) (D)	Yuwell S68XR (A)
Omron M7 Intelli IT (HEM-7361T-ALRU) (A) (P)	Yuwell YE610A (A) (D)
Omron M7 Intelli IT (HEM-7361T-EBK) (A) (P)	Yuwell YE610AR (A)
Omron M7 Intelli IT AFib (HEM-7380T1-EBK) (A) (P)	Yuwell YE610CR (A)
Omron Nightview (HEM-9601T-E3) (A)	Yuwell YE610D (A)
Omron RS1 (HEM-6160-E) (A)	Yuwell YE620A (V2) (A)
Omron RS2 (HEM-6161-E) (A)	Yuwell YE620AR (A)
Omron RS3 Intelli IT (HEM-6161T-E) (A)	Yuwell YE620B (A)
Omron RS4 (HEM-6181-E) (A)	Yuwell YE620C (A)
Omron X2 Basic (HEM-7121J-EO) (A)	Yuwell YE620CR (A)
Omron X2 Smart (HEM-7143T2-ESL) (A)	Yuwell YE620F (A)
Omron X2 Smart+ (HEM-7146T2-ESL) (A)	Yuwell YE630AR (A)
Omron X3 Comfort (HEM-7155-EO) (A) (P)	Yuwell YE630E (A)
Omron X4 Smart (HEM-7155T-ESL) (A) (P)	Yuwell YE650AR (A)
Omron X6 Comfort (HEM-7360-EO) (A) (P) (D)	Yuwell YE650C (V3) (A)
Omron X7 Smart (HEM-7361T-ESL) (A) (P)	Yuwell YE650CR (A)
Omron X7 Smart AFib (HEM-7380T1-EOSL) (A) (P)	Yuwell YE650F (A)
Pempa BP100 (A)	Yuwell YE655A (V3) (A)
Pempa BP80 (A)	Yuwell YE655AR (A)
Prolife PA5-Comfort (BP136A) (A)	Yuwell YE655B (V2) (A)
Rossmax X1 (V1) (A) (D)	Yuwell YE655C (V3) (A)
Rossmax X3 (V1) (A) (D)	Yuwell YE655CR (A)
Rossmax X5 (V2) (A)	Yuwell YE655D (V2) (A)
Rossmax X9 (A)	Yuwell YE660A (A)
Rossmax Z1 (A)	Yuwell YE660AR (A)
Rossmax Z5 (A)	Yuwell YE660CR (A)
Seagull S-858DK (A)	Yuwell YE660E (A)
Seagull S-868ED (A)	Yuwell YE660F (A)
Sejoy Joytech DBP-1358 (A)	Yuwell YE666AR (A)
Sejoy Joytech DBP-13D1 (A)	Yuwell YE666CR (V2) (A)
Sejoy Joytech DBP-6191 (A)	Yuwell YE670A (V2) (A)
Sejoy Joytech DBP-6191HD (A)	Yuwell YE670AR (A)
Sejoy Joytech DBP-6192 (A)	Yuwell YE670B (A)
Sejoy Joytech DBP-6282B (A)	Yuwell YE670CR (V2) (A)
Sejoy Joytech DBP-6285B (A)	Yuwell YE670D (A) (D)
Spengler Tensonic Arm (A)	Yuwell YE670F (A) (D)
Transtek LS802-GP (A) (D)	Yuwell YE680A (A)
Transtek TeleRPM BPM Gen 1 (LS802-GS) (A) (D)	Yuwell YE680AR (A)
Transtek TeleRPM BPM(BLE) 2022 (TMB-2084-A (V1)) (A)	Yuwell YE680E (A)



Blood Pressure Monitors with a possible MDR Equivalence to a Validated Device (Continued)

Yuwell YE690F (V2)

Blood Pressure Monitors without Evidence of Scientific Validation

Kinetik BPM1C ReliOn HEM-780REL (V1)

- The world's top registry
- Check if your device is validated
- Devices not proven to be validated

- Device Manuals
- Manufacturer Statistics
- Validation procedures

- Blood Glucose Meters
- Pulse Oximeters
- Connected Health Devices