



Medaval rating of Blood Pressure Monitors recommended by the British and Irish Hypertension Society

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.

BIHS Recommendations: **X** Not recommended **P** Not recommended for pregnancy
L Not recommended for pregnancy in those with large arms **⌚** Listed Previously **A** Adults
C Children **E** The Elderly **P** Pregnancy **⊖** Obese Adults
 Other Symbols: **D** Discontinued **Ⓚ** Obsolete **R** Recalled **🔍** Research Device

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

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

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

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

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

Andon KD-595	Microlife WatchBP Office ABI (Twin200 ABI) A ⊖
Grandway MD2200-W (G.LAB)	Omron Evolv (HEM-7600T-E)
Grandway MD2231 (G.LAB)	Omron HEM-9210T (HEM-9210T-E) ⌚ D
Grandway MD2301 🔍	Omron M3 Comfort (HEM-7134-E) D
Grandway MD2680 (G.LAB)	PangaO PG-800A36 (V1)
H&L HL868ED	PangaO PG-800B26
iHealth Track (KN-550BT)	SOMNOmedics ABPMpro A
Meditech ABPM-06	Withings BPM Connect (WPM05) A P
Microlife WatchBP Office (Twin200)	

★★ 2-Star Blood Pressure Monitors ★★★★★

A&D TM-2441	Beurer BM 28 D
A&D UA-651 Plus (UA-656A-JCB1)	Biospectral OptiBP ⌚ X
A&D UM-201 D	Bpump BF1112
A&D UM-211 D	Edan SA-10
AViTA BPM17	ERKA. Erkameter 125 PRO
AViTA BPM64 (V1) ⌚ D	Hingmed WBP-02A (V2)
Beneware 24h-ABPM (ABP-021) ⌚ X	InBody BP170



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

InBody BPBIO250	Philips DL8760-15
InBody BPBIO320	Qardio QardioArm A100
InBody BPBIO750	Sejoy Joytech DBP-1307 (Sejoy BP-1307, Joytech DBP-1307)
Microlife BP B3 AFib (BP 3KT1-3N)	Spacelabs OnTrak (90227)
Nissei DM-3000	Suntech CT40
Omron HBP-1300 (HBP-1300-E)	Transtek LS808-B
Omron HEM-7120	Transtek TMB-1491
Omron HEM-9200T	Transtek TMB-1776
Omron HEM-9601T	Universidad de Extremadura QMon-20
PangaO PG-800A11	Uscom BP+
PAR Tonoport VI	Yuwell YE690A (V1)
Petr Telegin BpLab Standard	Yuwell YE900

★ 1-Star Blood Pressure Monitors ★

A&D TM-2430	Microlife WatchBP O3 (BP 3MZ1-1)
A&D UA-1020	Omron 637IT (HEM-637IT-E)
A&D UB-542	Omron 705IT (HEM-759-E)
Accoson Greenlight 300 (AC0702A)	Omron HEM-907 (HEM-907-E7)
AViTA BPM15S	Omron M3 (HEM-7200-E)
BpTru BPM-100	Omron M3 Intellisense (HEM-7051-E)
Datascope Accutorr Plus	Omron M6 (HEM-7001-E)
H&L HL888HA	Omron M6 Comfort (HEM-7221-E)
Hartmann Tensoval Duo Control	Omron M7 (HEM-780-E)
Hartmann Tensoval Duo Control II	Omron MIT (HEM-751-E)
IEM Mobil-O-Graph NG	Omron MX3 Plus (HEM-742-E)
Medipro MC-100F	Omron R5-I (HEM-630-E)
Medisana MTP Plus (51043)	Panasonic EW-3106
Microlife BP 3AS1-2 (BP 3AS1-2R)	Spacelabs 90207
Microlife BP A100 (Type A)	Spacelabs 90217
Microlife BP A100 Plus (BP 3MC1-1N)	Suntech Oscar 2
Microlife WatchBP Home (BP 3MX1-1)	Withings BP-800

Other Validated Blood Pressure Monitors

A&D TM-2655	Andon KD-391
A&D TM-2656	Andon KD-5915 (V1)
A&D UA-704	Artsana (Pic Solution) CS-410
A&D UA-705	Artsana (Pic Solution) CSI-610
A&D UA-767	Braun SensorControl BP-3550
A&D UA-767 Plus	Braun VitalScan Plus (BP-1650)
A&D UA-774	Citizen CH-432B
A&D UA-779	Citizen CH-656C
A&D UA-787	Dinamap ProCare 100
A&D UA-851	EnviteC PhysioQuant ABPM (45-00-0500)
A&D UA-852	H&L HL168JD
A&D UA-853	H&L HL868BA
A&D UA-854	HealthSTATS BPro
A&D UA-855	Heine Gamma G5



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Other Validated Blood Pressure Monitors (Continued)

Heine Gamma G7	Oregon BPW810
Heine Gamma XXL LF (Desk)	Panasonic EW-3109
HoMedics BPA-540	Riester Big Ben Square Desk
Honsun Scian LD-578	Rossmax ME701
Kingyield BP-101H	Schiller BR-102 Plus (V1)
Lloyds BP11	Seinex SE-9400
Meditech ABPM-04	SensaCare SAA-102
Microlife BP 3AC1-1	SensaCare SAW-102
Omron Elite 7300W (HEM-7300-EZ)	Sorin Agilis
Omron HEM-711DLX	Spengler Pro M
Omron i-Q132 SpotArm (HEM-1010-E)	Suntech 247
Omron M1 Plus (HEM-4011C-E)	Transtek TMB-986
Omron M2 (HEM-7117-E)	Transtek TMB-988
Omron M2 Compact (HEM-7102-E)	Visocor HM40 (22040)
Omron MIT Elite Plus (HEM-7301-ITKE7)	Visomat Comfort Eco (V2)
Omron R2 (HEM-6113-E)	Visomat Handy (21050)
Omron R3-I Plus (HEM-6022-E)	Welch Allyn Connex ProBP 3400 with SureBP
Oregon BPU 330	Welch Allyn Maxi Stabil 3

Blood Pressure Monitors Validated in a Specific Population

Microlife BP 3AC1-1 PC	Omron MIT Elite (HEM-7300-WE7)
Microlife BP A3 PC (BP 3GX1-5X)	

Blood Pressure Monitors with an Internal or Non-Published Validation

EuroMedix Stabil-O-Graph	Riester Big Ben Square Floor
Mindray Beneview T5	Riester Big Ben Square Rail
Mortara Ambulo 2400	Riester Big Ben Square Wall

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

A&D TM-2440	Andon KD-557
A&D TM-2657P	Andon KD-558 (V1)
A&D UA-1010	Andon KD-5810
A&D UA-1030T	Andon KD-5811
A&D UA-611	Andon KD-5815
A&D UA-656BLE	Andon KD-5901 (V1)
A&D UA-767BT	Andon KD-5902
A&D UA-767PC	Andon KD-5905
A&D UA-767S	Andon KD-5909
A&D UA-767S-W	Andon KD-5918
A&D UA-782	Andon KD-5920
Activ8rlives Blood Pressure 3 (TMB-1491-BS)	Andon KD-5923
Alvita CG-155F	Andon KD-5961
Alvita MA-801F	Andon KD-5962
Alvita TMB-1117-S	Andon KD-5971
Alvita TMB-1491-S	Aspen C5
Andon BM-091	Aspen CF155F
Andon KD-5001	Boots 46-61-486 (HEM-757-UK)



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

Boots 56-90-404 (HEM-7041-BS)	HoMedics Mibody 360EU
Boots 56-90-420 (HEM-7115-BS)	Honsun LD3
Boots 56-90-447 (HEM-7101)	Honsun LD30
Boots 65-90-412	Honsun Scian LD-520
BpTru BPM-200	Honsun Scian LD-522
BpTru BPM-300	Honsun Scian LD-526
Braun ExactFit 1 (BUA5000)	Honsun Scian LD-528
Braun ExactFit 3 (BP-6000)	Honsun Scian LD-530
Braun ExactFit 3 (BP-6100)	Honsun Scian LD-532
Braun ExactFit 5 (BP-6200)	Honsun Scian LD-533
BTL Cardiopoint BTL-08 ABPM (V1)	Honsun Scian LD-562 (V1)
Cardioline Walk200b	Honsun Scian LD-568 (V1)
Citizen CH-617	Honsun Scian LD-582
Citizen CH-618	Honsun Scian LD-586N
Cresta BPM610	Honsun Scian LD-587
Cresta BPM701	Honsun Scian LD-588
Datascope Accutorr V	iHealth Neo BP5S
Datascope iPM 12	iHealth View (BP7S)
Desa Pharma Tecnico Easy	Keeler Big Ben Round
Dinamap Carescape V100	Keeler Big Ben Square
Dinamap ProCare 200	Keeler Classic
Dinamap Procure 420	Keeler Palm
Duronic BPM-300	Keeler Windsor
Ergoline Ergoscan	Kessler KS 551
GE Carescape V100	Kinetik BPM1K
GE Tonoport V	Kinetik BPM1KTL
H&L Airssential AI-H971	Kinetik TMB-1117-S
H&L HL168KB	Kinetik TMB-1491-S
H&L HL168ZA	Kinetik TMB-1970
H&L HL858BA	Kinetik TMB-2080
H&L HL858DK	Kinetik TMB-2083-N
H&L HL858GA	Kinetik TMB-2088
H&L HL858HA	Kinetik WBP1
H&L HL868ZA	Kinetik WBP3
H&L HL868ZB	Little Doctor LD-521
H&L HL888HC	Little Doctor LD-521A
Health Assure HL158JA	Little Doctor LD12 (V2)
Health Assure HL858JA	Little Doctor LD51
HealthWorks SCLV-2007 Cardio-Vascular Lab	Little Doctor LD51A
Heine Gamma XXL LF (Rail)	Little Doctor LD51S
Heine Gamma XXL LF (Stand)	Little Doctor LD51U
Heine Gamma XXL LF (Wall)	Lloyds Betterlife (KD-551)
Hillrom ABPM 7100	Lloyds KD-551
Hillrom ProBP 2400	Lloyds LBP1
HoMedics BPA-2000-EU	Lloyds LBPK1
HoMedics BPA-3000-EU	Maestro HL158JA
HoMedics BPW-1000-EU	Maestro HL158SA



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

Maestro HL858JA	Omron R6 (HEM-6000-E7)
Maestro HL858SA	Omron R6 (HEM-6052-2)
Medicare Lifesense A1 (MD1814)	Omron R7 (HEM-637-E2)
Medicare Lifesense A2 (MD638)	Omron RS2 (HEM-6121-E)
Medicare Lifesense A5 (MD1806)	Oregon Ssmart Talking (BPU321OS)
Medinox Compact (BP102, MX86005)	Oregon Tunstall BPU-329
Medipro MP-BP-BPM	Par Physio-Port
Meditech ABPM-05	Proton PHC-888EA
Medset Scanlight-III	Proton PHC-888UP
Microlife As easy as 123 (BP 3BX0-A)	Proton PHCP-868BF
Microlife BP 3AG1 (BP 3AQ1-2P)	Riester Big Ben Round Desk
Microlife BP 3BT0-A (2)	Riester Big Ben Round Floor
Microlife BP A2 Basic (BP 3GQ1-3P)	Riester Big Ben Round Rail
Microlife BP A200 (BP 3MS1-4K)	Riester Big Ben Round Wall
Microlife BP A3 Basic (BP 3GX1-4N)	Riester E-Mega (1-tube)
Microlife BP B1 Classic	Riester E-Mega (2-tube)
Microlife BP B2 Basic (BP 3KA1-3N)	Riester Exacta
Microlife WatchBP Home A (BP 3MX1-3)	Riester Minimus II
Mindray BeneVision N12	Riester Minimus III
Mindray iMEC-12	Riester Precisa N
Omron 705CP-II (HEM-759-E2)	Riester Precisa N shock-proof
Omron 708-BT (HEM-7081-ITE)	Riester R1 Shock-Proof
Omron Complete (HEM-7530T-E3)	Riester RBP-100
Omron HEM Solar (HEM-4500-Sole)	Riester ri-cardio
Omron HEM-7117	Riester ri-champion N
Omron HEM-7320-LA	Riester ri-medice Desk
Omron i-C10 (HEM-7070-E)	Riester ri-medice Floor
Omron M1 (HEM-4030-E)	Riester ri-medice Wall
Omron M1 Compact (HEM-4022-E)	Riester ri-san
Omron M10-IT (HEM-7080IT-E)	Rossmax AB701
Omron M2 (HEM-7121-E)	Rossmax AC1000f (V1)
Omron M2 Basic (HEM-7116-E)	Rossmax AC701
Omron M2 Basic (HEM-7120-E)	Rossmax Accumed AF701
Omron M2 Basic (HEM-7121J-E)	Rossmax Accumed AW150
Omron M2 Classic (HEM-7143-E (V1))	Rossmax Accumed Carrdio C5
Omron M2 Intelli IT (HEM-7143T-EBK)	Rossmax Accumed MH901
Omron M2 Intellisense (HEM-7143-E (V2))	Rossmax AD701
Omron M24/7 (ABPM-BP5)	Rossmax AE701
Omron M3 Comfort (HEM-7155-E)	Rossmax AJ701
Omron M4 Intelli IT (HEM-7155T-EBK)	Rossmax AK150f
Omron M4-I (HEM-752-E)	Rossmax AU941f (V1)
Omron M6 Comfort (HEM-7360-E)	Rossmax AV151f
Omron M7 Intelli IT (HEM-7361T-EBK)	Rossmax AW151
Omron MIT Elite (HEM-7300-WE)	Rossmax CF155f
Omron MX2 Basic (HEM-742-E2)	Rossmax CH155f (V1)
Omron Pro Logic PL100 (HEM-7101-PR)	Rossmax CH155f (V2)
Omron R2 (HEM-6113-FR)	Rossmax MA350



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Rossmax MG150f	Seagull S-868BA
Rossmax MH150	Seagull S-888HA
Rossmax MJ150f	Spengler TB-101
Rossmax MJ701	Suresign LD-588
Rossmax MR250	Suresign LD3
Rossmax MW701f (V2)	Unimed Tensioday
Rossmax MW821f	Visomat Comfort
Rossmax X1 (V1)	Walgreens WGNBPA-730
Rossmax X3 (V1)	Walgreens WGNBPA-740
Rossmax X5 (V1)	Walgreens WGNBPA-750
Rossmax X9	Walgreens WGNBPW-710
Rossmax Z1	Walgreens WGNBPW-720
Rossmax Z5	Welch Allyn ABPM 6100
Salter BPA-8200-EU	Withings BPM Connect Pro (WPM06)
Salter BPA-9200-GB	Yuwell YE680A

Blood Pressure Monitors with a Validation Fail

Cofee KF-65B	Welch Allyn Vital Signs 300 Series
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Blood Pressure Monitors without Evidence of Scientific Validation

Beurer BM 44	Kinetik BPM1C
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Visit www.medaval.ie for more information

- 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