



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 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.

BIHS Recommendations: **X** Not recommended **P** Not recommended for pregnancy **L** Not recommended for pregnancy in those with large arms **A** Adults **C** Children **D** Diabetes Mellitus **E** The Elderly **P** Pregnancy **O** Obese Adults

Other Symbols: **D** Discontinued **O** Obsolete **R** Recalled **RD** Research Device

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

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

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

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

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

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

★★ 2-Star Blood Pressure Monitors ★★

A&D TM-2441	Hartmann Tensoval Duo Control II D	PAR Tonoport VI
A&D UA-1020	Hingmed WBP-02A Hospital	Petr Telegin BpLab
A&D UB-542	InBody BP170	Philips DL8760-15
A&D UM-201	InBody BPBIO250	Qardio QardioArm A100
A&D UM-211	InBody BPBIO320	Sejoy Joytech DBP-1307 (Sejoy BP-1307, Joytech DBP-1307)
Andon KD-595	InBody BPBIO750	Spacelabs OnTrak (90227)
Avita BPM15S	Meditech ABPM-06	Suntech CT40
Avita BPM17	Microlife BP B3 AFib (BP 3KT1-3N) D	Transtek TMB-1491
Avita BPM64 (v1) D	Omron HBP-1300 (HBP-1300-E) P D	Transtek TMB-1776
Beneware 24h-ABPM (ABP-021) X	Omron HEM-7120	Universidad de Extremadura QMon-20 D
Biospectral OptiBP X	Omron HEM-9200T	Withings BP-800 P
Bpump BF1112	Omron HEM-9601T	Yuwell YE690A
Edan SA-10	Omron M6 Comfort (HEM-7221-E) D	Yuwell YE900
ERKA. Erkameter 125 PRO	PangaO PG-800A11	



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★ 1-Star Blood Pressure Monitors ★

A&D TM-2430	Microlife BP 3AS1-2 (BP 3AS1-2R) P D	Omron M6 (HEM-7001-E) A C D
A&D TM-2656	Microlife BP A100 (Type A) D	Omron M7 (HEM-780-E) A C P D
Accoson Greenlight 300 (AC0702A)	Microlife BP A100 Plus (BP 3MC1-1N)	Omron MIT (HEM-751-E) P D
BpTru BPM-100 D	Microlife WatchBP Home (BP 3MX1-1) P	Omron MX3 Plus (HEM-742-E) D
Datascope Accutorr Plus A C	Microlife WatchBP O3 (BP 3MZ1-1) D	Omron R5-I (HEM-630-E) E D
H&L HL888HA	Omron 637IT (HEM-637IT-E) A C E D	Panasonic EW-3106 D
Hartmann Tensoval Duo Control	Omron 705IT (HEM-759-E) A C D	Spacelabs 90207
IEM Mobil-O-Graph NG	Omron HEM-907 (HEM-907-E7) A E D	Spacelabs 90217
Medipro MC-100F D	Omron M3 (HEM-7200-E) D	Suntech Oscar 2
Medisana MTP Plus (51043) D	Omron M3 Intellisense (HEM-7051-E) D	

Other Validated Blood Pressure Monitors

A&D TM-2655	Dinamap ProCare 100 D	Omron R3-I Plus (HEM-6022-E) D
A&D UA-704	EnviteC PhysioQuant ABPM (45-00-0500)	Oregon BPU 330 D
A&D UA-705	H&L HL168JD	Oregon BPW810
A&D UA-767	H&L HL868BA	Panasonic EW-3109 D
A&D UA-767 Plus	HealthSTATS BPro	Rossmax ME701 D
A&D UA-774	Heine Gamma G5	Schiller BR-102 Plus (v1) D
A&D UA-779	Heine Gamma G7	Seinex SE-9400 D
A&D UA-787	Heine Gamma XXL LF (Desk)	SensaCare SAA-102
A&D UA-851	HoMedics BPA-540 D	SensaCare SAW-102
A&D UA-852	Honsun Scian LD-578 D	Sorin Agilis
A&D UA-853	Kingyfield BP-101H	Spengler Pro M D
A&D UA-854	Lloyds BP11 D	Suntech 247
A&D UA-855	Meditech ABPM-04	Transtek TMB-986
Andon KD-391	Microlife BP 3AC1-1 D	Transtek TMB-988
Andon KD-5915	Omron Elite 7300W (HEM-7300-EZ) D	Visocor HM40 (22040) D
Artsana (Pic Solution) CS-410 D	Omron HEM-711DLX D	Visomat Comfort Eco (v2) D
Artsana (Pic Solution) CSI-610 D	Omron i-Q132 SpotArm (HEM-1010-E) D	Visomat Handy (21050)
Braun SensorControl BP-3550 D	Omron M1 Plus (HEM-4011C-E) D	Welch Allyn Connex ProBP 3400 with SureBP R
Braun VitalScan Plus (BP-1650) D	Omron M2 (HEM-7117-E) D	Welch Allyn Maxi Stabil 3 D
Citizen CH-432B D	Omron M2 Compact (HEM-7102-E)	
Citizen CH-656C D	Omron R2 (HEM-6113-E) D	

Blood Pressure Monitors Validated in a Specific Population

Beurer BM 44	Microlife BP 3AC1-1 PC D	Omron MIT Elite (HEM-7300-WE7)
iHealth Track (KN-550BT)	Microlife BP A3 PC (BP 3GX1-5X)	
Kinetik BPM1C D	Omron HEM-7320-LA X	

Blood Pressure Monitors with an Internal or Non-Published Validation

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



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

A&D TM-2440	Desa Pharma Tecnico Easy	Keeler Big Ben Square
A&D UA-1010	Dinamap Carescape V100	Keeler Classic
A&D UA-1030T	Dinamap ProCare 200	Keeler Palm
A&D UA-611	Dinamap Procure 420	Keeler Windsor
A&D UA-767BT	Duronic BPM-300	Kessler KS 551
A&D UA-767PC	Ergoline Ergoscan	Kinetik BPM1K
A&D UA-782	GE Carescape V100	Kinetik BPM1KTL
Activ8rlives Blood Pressure 3 (TMB-1491-BS)	GE Tonoport V	Kinetik TMB-1117-S
Alvita CG-155F	H&L Airssential AI-H971	Kinetik TMB-1491-S
Alvita MA-801F	H&L HL168KB	Kinetik TMB-1970
Alvita TMB-1117-S	H&L HL168ZA	Kinetik TMB-2080
Alvita TMB-1491-S	H&L HL858BA	Kinetik TMB-2083-N
Andon BM-091	H&L HL858DK	Kinetik TMB-2088
Andon KD-5001	H&L HL858GA	Kinetik WBP1
Andon KD-557	H&L HL858HA	Kinetik WBP3
Andon KD-558	H&L HL868ZA	Little Doctor LD-521
Andon KD-5810	H&L HL868ZB	Little Doctor LD-521A
Andon KD-5811	H&L HL888HC	Little Doctor LD12 (V2)
Andon KD-5901	Health Assure HL158JA	Little Doctor LD51
Andon KD-5902	Health Assure HL858JA	Little Doctor LD51A
Andon KD-5905	HealthWorks SCLV-2007 Cardio-Vascular Lab	Little Doctor LD51S
Andon KD-5909	Heine Gamma XXL LF (Rail)	Little Doctor LD51U
Andon KD-5918	Heine Gamma XXL LF (Stand)	Lloyds Betterlife (KD-551)
Andon KD-5961	Heine Gamma XXL LF (Wall)	Lloyds KD-551
Andon KD-5962	Hillrom ABPM 7100	Lloyds LBP1
Andon KD-5971	Hillrom ProBP 2400	Lloyds LBP1K
Aspen C5	HoMedics BPA-2000-EU	Maestro HL158JA
Aspen CF155F	HoMedics BPA-3000-EU	Maestro HL158SA
Boots 46-61-486 (HEM-757-UK)	HoMedics BPW-1000-EU	Maestro HL858JA
Boots 56-90-404 (HEM-7041-BS)	HoMedics Mibody 360EU	Maestro HL858SA
Boots 56-90-420 (HEM-7115-BS)	Honsun LD30	Medicare Lifesense A1 (MD1814)
Boots 56-90-447 (HEM-7101)	Honsun Scian LD-520	Medicare Lifesense A2 (MD638)
Boots 65-90-412	Honsun Scian LD-522	Medicare Lifesense A5 (MD1806)
BpTru BPM-200	Honsun Scian LD-526	Medinox Compact (BP102, MX86005)
BpTru BPM-300	Honsun Scian LD-528	Meditech ABPM-05
Braun ExactFit 1 (BUA-5000)	Honsun Scian LD-530	Medset Scanlight-III
Braun ExactFit 3 (BP-6000)	Honsun Scian LD-532	Microlife As easy as 123 (BP 3BX0-A)
Braun ExactFit 3 (BP-6100)	Honsun Scian LD-533	Microlife BP 3AG1 (BP 3AQ1-2P)
Braun ExactFit 5 (BP-6200)	Honsun Scian LD-562	Microlife BP 3BT0-A (2)
BTL Cardiopoint BTL-08 ABPM (V1)	Honsun Scian LD-568 (V1)	Microlife BP A2 Basic (BP 3GQ1-3P)
Cardioline Walk200b	Honsun Scian LD-582	Microlife BP A200 (BP 3MS1-4K)
Citizen CH-617	Honsun Scian LD-586N	Microlife BP A3 Basic (BP 3GX1-4N)
Citizen CH-618	Honsun Scian LD-587	Mindray BeneVision N12
Cresta BPM-610	Honsun Scian LD-588	Mindray iMEC-12
Cresta BPM-701	iHealth Neo BP5S	Omron 705CP-II (HEM-759-E2)
Datascope Accutorr V	iHealth View (BP7S)	Omron 708-BT (HEM-7081-ITE)
Datascope iPM 12	Keeler Big Ben Round	Omron Complete (HEM-7530T-E3)



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

Omron HEM Solar (HEM-4500-Sole) D	Riester Big Ben Round Desk	Rossmax CF155f
Omron HEM-7117 D	Riester Big Ben Round Floor	Rossmax CH155f (V1) D
Omron i-C10 (HEM-7070-E) D	Riester Big Ben Round Rail	Rossmax CH155f (V2)
Omron M1 (HEM-4030-E) D	Riester Big Ben Round Wall	Rossmax MA350 D
Omron M1 Compact (HEM-4022-E) D	Riester E-Mega (1-tube)	Rossmax MG150f D
Omron M10-IT (HEM-7080IT-E) D	Riester E-Mega (2-tube)	Rossmax MH150 D
Omron M2 (HEM-7121-E)	Riester Exacta	Rossmax MJ150f D
Omron M2 Basic (HEM-7116-E) D	Riester Minimus II	Rossmax MJ701 D
Omron M2 Basic (HEM-7120-E)	Riester Minimus III	Rossmax MR250 D
Omron M2 Basic (HEM-7121J-E)	Riester Precisa N	Rossmax MW701f (V2) D
Omron M2 Classic (HEM-7143-E)	Riester Precisa N shock-proof	Rossmax MW821f D
Omron M2 Intelli IT (HEM-7143T-EBK)	Riester R1 Shock-Proof	Rossmax X1 (V1) D
Omron M2 Intellisense (HEM-7143-E)	Riester RBP-100	Rossmax X3 (V1) D
Omron M24/7 (ABPM-BP5) D	Riester ri-cardio	Rossmax X5 (V1) D
Omron M3 Comfort (HEM-7155-E)	Riester ri-champion N	Rossmax X9
Omron M4 Intelli IT (HEM-7155T-EBK)	Riester ri-medice Desk	Rossmax Z1
Omron M4-I (HEM-752-E) D	Riester ri-medice Floor	Rossmax Z5
Omron M6 Comfort (HEM-7360-E)	Riester ri-medice Wall	Salter BPA-8200-EU D
Omron M7 Intelli IT (HEM-7361T-EBK)	Riester ri-san	Salter BPA-9200-GB
Omron MIT Elite (HEM-7300-WE) D	Rossmax AB701 D	Seagull S-868BA D
Omron MX2 Basic (HEM-742-E2) D	Rossmax AC1000f (V1) D	Seagull S-888HA
Omron Pro Logic PL100 (HEM-7101-PR) D	Rossmax AC701 D	Spengler TB-101 D
Omron R2 (HEM-6113-FR) D	Rossmax Accumed AF701 D	Suresign LD3
Omron R6 (HEM-6000-E7) D	Rossmax Accumed AW150 D	Unimedice Tensioday D
Omron R6 (HEM-6052-2) D	Rossmax Accumed Carrdio C5 D	Uscom BP+
Omron R7 (HEM-637-E2) D	Rossmax Accumed MH901 D	Visomat Comfort D
Omron RS2 (HEM-6121-E)	Rossmax AD701 D	Walgreens WGNBPA-730 D
Oregon Smart Talking (BPU321OS) D	Rossmax AE701 D	Walgreens WGNBPA-740 D
Oregon Tunstall BPU-329	Rossmax AJ701 D	Walgreens WGNBPA-750 D
Par Physio-Port	Rossmax AK150f D	Walgreens WGNBPW-710 D
Proton PHC-888EA	Rossmax AU941f (V1) D	Walgreens WGNBPW-720 D
Proton PHC-888UP	Rossmax AV151f D	Welch Allyn ABPM 6100 D
Proton PHCP-868BF	Rossmax AW151 D	Withings BPM Connect Pro (WPM06) A P

Blood Pressure Monitors with a Validation Fail

Cofee KF-65B X	Welch Allyn Vital Signs 300 Series P D	Yuwell YE680A X
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Visit www.medaval.ie for more information

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| <ul style="list-style-type: none"> ‣ The world's top registry ‣ Check if your device is validated ‣ Devices not proven to be validated | <ul style="list-style-type: none"> ‣ Device Manuals ‣ Manufacturer Statistics ‣ Validation procedures | <ul style="list-style-type: none"> ‣ Blood Glucose Meters ‣ Pulse Oximeters ‣ Connected Health Devices |
|---|--|---|