



Medaval rating of Blood Pressure Monitors recommended by the *European Society of Hypertension*

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 without either a published paper proving validation or 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.

Symbols: Adults Children Pregnancy Discontinued Obsolete Research Device

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

A&D UA-651	Microlife BP A200 Comfort (BP 3MS1-4A)	Visomat Double Comfort (v1)
iHealth Feel BP5	Omron M3500 NIBP Module	

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

Andon KD-5851	iHealth BP3 (KD-931)	Omron HEM-7320F
Andon KD-5917	Omron BP760N (HEM-7320-Z)	Omron HEM-7500F
Andon KD-5965	Omron BP765 (HEM-7311-ZSA)	PangaO PG-800B11
Avita BPM63S	Omron HEM-7130	PangaO PG-800B5-1
BIOS BD215 (Precision 8.0)	Omron HEM-7251G	PangaO PG-800B68
Custo Med custo screen 400	Omron HEM-7252G-HP	Rossmax CF175f (V1)

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

Grandway G.LAB MD2680	Microlife WatchBP Office (Twin200)	Nissei DM-3000
Grandway MD2301	Microlife WatchBP Office ABI (Twin200 ABI)	Omron HEM-9210T (HEM-9210T-E)

★★ 2-Star Blood Pressure Monitors ★★

A&D UA-1020	Omron HBP-1300 (HBP-1300-E)	Petr Telegin BpLab
Andon KD-5031	Omron HEM-7420	PolyGreen KP-7670
Andon KD-595	Omron M3 (HEM-7200-E)	RisingSun RS-651
Bpump BF1112	Omron M400 (HEM-7131-D)	Rossmax Medicare 100f
ERKA. Erkameter 125 PRO	Omron M500 (HEM-7321-D)	Suntech Centron cBP301
Hartmann Tensoval Duo Control II	Omron M6 (HEM-7211-E)	Transtek LS808-B
Konsung QD-217A	Omron M6 Comfort (HEM-7221-E)	Transtek TMB-1491
Medisana MTP Plus (51043)	PAR Tonoport VI	Withings BP-800



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★ 1-Star Blood Pressure Monitors ★

A&D TM-2430 (A C)	Microlife BP 3BT0-A (A P D)	Omron M3 Intellisense (HEM-7051-E) (D)
A&D TM-2656	Microlife BP A100 (Type A) (A P D)	Omron M300 (HEM-7121-D)
A&D UM-101	Microlife BP A100 Plus (BP 3MC1-1N) (A P)	Omron M5-I (HEM-757-E)
Accoson Greenlight 300 (AC0702A)	Microlife WatchBP Home (BP 3MX1-1) (A P)	Omron M6 (HEM-7001-E) (A C D)
Beurer BM 60 (D)	Microlife WatchBP O3 (BP 3MZ1-1) (D)	Omron M7 (HEM-780-E) (A P D)
BpTru BPM-100 (A C O)	Microlife WatchBP Office Central (Twin200 CBP)	Omron MIT (HEM-751-E) (A P D)
CasMed 9010 (C)	Nihon-Kohden Vismo PVM-2701 (C)	Omron MX3 Plus (HEM-742-E) (A C D)
Datascope Accutorr Plus (A C)	Nissei DS-400 (A P)	Panasonic EW-3106 (D)
Fukuda Denshi DS-7000 (C)	Omron 637IT (HEM-637IT-E) (D)	Panasonic EW-BU15
Hartmann Tensoval Comfort	Omron 705IT (HEM-759-E) (A C D)	Spacelabs 90207
Hartmann Tensoval Duo Control	Omron HEM-1020	Spacelabs 90217
HoMedics BPA-540 (D)	Omron HEM-705CP (V2)	Suntech Oscar 2
IEM Mobil-O-Graph NG	Omron HEM-706 (D)	Welch Allyn Connex ProBP 3400 with SureBP (A C)
IEM Tel-O-Graph BT	Omron HEM-907 (HEM-907-E7) (D)	Welch Allyn SureBP Algorithm (Unspecified Device) (C)
IEM Tel-O-Graph GSM	Omron i-Q132 SpotArm (HEM-1010-E) (D)	Welch Allyn Tycos QuietTrak (C O)
Microlife BP 3AS1-2 (BP 3AS1-2R) (A P D)	Omron M2 (HEM-7117-E) (D)	



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Other Validated Blood Pressure Monitors

A&D TM-2655	Citizen CH-461C D	Omron M5 Professional (HEM-7001-D)
A&D TM-2655P (v2)	Citizen CH-463E D	Omron M6 Comfort (HEM-7000-E) A P D
A&D UA-631	Colson MAM BP 3AA1-2 D	Omron MIT Elite Plus (HEM-7301-ITKE7)
A&D UA-704	Dinamap ProCare 100 O	Oregon BPU 330 D
A&D UA-705	Ela Agilis	Panasonic EW-3109
A&D UA-767	EnviteC PhysioQuant ABPM (45-00-0500)	Panasonic EW-3152W
A&D UA-767 Plus	Fukuda Denshi FM-800	PAR Tonoport V
A&D UA-774	Hartmann Digital HG160 Comfort D	Pic Solution Comfort Check D
A&D UA-779	Heine Gamma G5	Pic Solution My Check D
A&D UA-787	Heine Gamma G7	Pic Solution Personal Check D
A&D UA-851	Heine Gamma XXL LF (Desk)	Pic Solution Professional Check
A&D UA-852	HoMedics BPA-300 D	PMS Mandaus D
A&D UA-853	Honsun Scian LD-578 D	Rossmax Mandaus II (GA101, GA102, GA112)
A&D UA-854	IEM Stabil-O-Graph O	Rossmax ME701 D
A&D UA-855	Kingyield BP-101H	Scala DB-61M D
Advanced Biosensor AM5600 C O	Lloyds BP11 D	Schiller BR-102 Plus (v1) D
Andon KD-391	Medisana MTD D	Seinex SE-9400 D
Andon KD-5915	Medisana MTX (51083)	SensaCare SAA-102
Artsana (Pic Solution) CS-410 D	Meditech ABPM-04	Sorin Agilis
Artsana (Pic Solution) CSI-610 D	Microlife BP 3AC1-1 D	Spengler Pro M D
Beurer BM 20 D	Nissei DS-1902	Suntech 247
Beurer DC 50 D	Omron Elite 7300W (HEM-7300-EZ) D	Tensiomed Tensioday
Beurer DC 55 D	Omron HEM-711	Terumo Elemanno ES-H55
BoSo Medicus Control	Omron HEM-711DLX D	Tiba Ambulo 2400
BoSo Medicus Family	Omron HEM-742 A C	Transtek TMB-986
BoSo Medicus Prestige	Omron HEM-907XL (HEM-907-Z2)	Visomat Comfort 20-40 (v2) D
BoSo Medicus Smart	Omron M1 (HEM-422C2-E) D	Visomat Comfort Eco (v2) D
BoSo Medicus Uno	Omron M1 Plus (HEM-4011C-E) D	Visomat Comfort Form (v1) D
Braun Easy Click (BP-3000) D	Omron M2 Compact (HEM-7102-E)	Visomat Comfort II O
Cardiette BP One	Omron M3 Basic II	Welch Allyn Maxi Stabil 3 O
Citizen CH-432B D	Omron M4 Plus II	Welch Allyn Spot Vital Signs (4200B) A C

Blood Pressure Monitors Validated in a Specific Population

A&D UA-778 C	iHealth Track (KN-550BT)	Omron M6 Comfort IT (HEM-7322U-E)
CasMed 740 C	Microlife BP 3AC1-1 PC D	Raycome RBP-1200 C
Custo Med custo screen Pediatric C	Omron HBP-1100 (HBP-1100-E) A C	
Dinamap ProCare 400 P	Omron HEM-7080IC A C	

Blood Pressure Monitors with an Internal or Non-Published Validation

Mindray Beneview T5	Riester Big Ben Square Desk	Riester Big Ben Square Rail
Mortara Ambulo 2400 A C	Riester Big Ben Square Floor	Riester Big Ben Square Wall



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

A&D UA-1010	Dinamap Carescape V100	Microlife BP 3BT0-AP (P) (D)
A&D UA-1030T	Dinamap Procare 420	Microlife BP A1 Easy (BP 3GR1-1P) (A) (P)
A&D UA-611	Ergoline Ergoscan	Microlife BP A2 Basic (BP 3GQ1-3P) (A) (P)
A&D UA-767BT	GE Tonoport V	Microlife BP A200 (BP 3MS1-4K) (D)
A&D UA-767PC	H&L Airssential AI-H971	Microlife BP A6 PC (aka A6 Plus, A6 Basic) (A) (P)
A&D UA-782	H&L HL888HC	Microlife WatchBP Home A (BP 3MX1-3)
Alvita CG-155F	Heine Gamma XXL LF (Rail)	Microlife WatchBP Home N (BP 3MX1-4) (D)
Alvita MA-801F	Heine Gamma XXL LF (Stand)	Microlife WatchBP Office AFib (Twin200 AFS)
Andon BM-091	Heine Gamma XXL LF (Wall)	Microlife WatchBP Office Target (BP 3MD1-4) (A) (C)
Andon KD-5001	HoMedics BPA-2000-EU (D)	Mindray iMEC-12
Andon KD-556	HoMedics BPA-3000-EU (D)	Nissei DS-500 (A) (P)
Andon KD-557	HoMedics Mibody 360EU (D)	Omron 705CP-II (HEM-759-E2) (A) (C) (D)
Andon KD-558	Honsun LD30	Omron 708-BT (HEM-7081-ITE) (A) (P) (D)
Andon KD-5901	Honsun Scian LD-520	Omron BP760 (HEM-7220-Z) (A) (P)
Andon KD-5902	Honsun Scian LD-522	Omron BP785 (HEM-7222-Z) (A) (P)
Andon KD-5905	Honsun Scian LD-526	Omron HEM Solar (HEM-4500-Sole) (D)
Andon KD-5909	Honsun Scian LD-528	Omron HEM-7051 (HEM-7051-SH)
Andon KD-5913 (D)	Honsun Scian LD-530	Omron HEM-7101 (HEM-7101-SH)
Andon KD-5918	Honsun Scian LD-532	Omron HEM-7250-IT
Andon KD-5961	Honsun Scian LD-533	Omron i-C10 (HEM-7070-E) (A) (P) (D)
Andon KD-5962	Honsun Scian LD-568 (V1)	Omron IA2 (A) (C) (D)
Andon KD-5963 (D)	Honsun Scian LD-582	Omron M1 (HEM-4030-E) (D)
Andon KD-5971 (D)	Honsun Scian LD-586N	Omron M1 Classic (HEM-442C-E) (D)
BIOS BD204 (Precision 4.0) (D)	Honsun Scian LD-587	Omron M1 Compact (HEM-4022-E) (D)
Boots 46-61-486 (HEM-757-UK) (D)	iHealth Neo BP5S	Omron M10-IT (HEM-7080IT-E) (A) (P) (D)
Boots 56-90-404 (HEM-7041-BS) (D)	Keeler Big Ben Round (D)	Omron M2 (HEM-7119-E(V)) (D)
Boots 56-90-420 (HEM-7115-BS) (D)	Keeler Big Ben Square (D)	Omron M2 (HEM-7121-E)
Boots 56-90-447 (HEM-7101) (D)	Keeler Classic (D)	Omron M2 Basic (HEM-7116-E2(V)) (D)
Boots 65-90-412 (D)	Keeler Palm	Omron M2 Basic (HEM-7116-E8(V)) (D)
BpTru BPM-200 (A) (C) (D)	Keeler Windsor	Omron M2 Basic (HEM-7120-E)
BpTru BPM-300 (A) (C) (D)	Kinetik BPM1K (D)	Omron M24/7 (ABPM-BP5) (D)
Braun BP-4900 (D)	Kinetik BPM1KTL (D)	Omron M3 (HEM-7200-E8) (D)
Braun BP-5900 (D)	Lloyds LBP1 (D)	Omron M4-I (HEM-752-E) (A) (C) (D)
Braun ExactFit 1 (BUA-5000) (A) (P)	Lloyds LBPK1 (D)	Omron M6 (HEM-7211-E8) (C) (D)
Braun ExactFit 3 (BP-6000)	Maestro HL858JA	Omron M6 Comfort (HEM-7221-E8) (P) (D)
Braun ExactFit 3 (BP-6100)	Medel Check (92187) (D)	Omron M6 Comfort (HEM-7223-E) (A) (P) (D)
Braun ExactFit 5 (BP-6200)	Medel Elite (92125) (D)	Omron M6 Comfort (HEM-7321-E)
BTL Cardiopoint BTL-08 ABPM (V1)	Medel Idea (91913) (D)	Omron MIT Elite (HEM-7300-WE) (D)
Cardioline Walk200b	Meditech ABPM-05	Omron MX2 Basic (HEM-742-E2) (D)
Citizen CH-452	Meditech card(X)plore	Omron Pro Logic PL100 (HEM-7101-PR) (D)
Cresta BPM-610	Medset Scanlight-III	Oregon Ssmart Talking (BPU321OS) (D)
Cresta BPM-701	Microlife As easy as 123 (BP 3BX0-A)	Oregon Tunstall BPU-329
Datascope Accutorr V (A) (C)	Microlife BP 3AC1-2 (D)	Par Physio-Port
Datascope iPM 12	Microlife BP 3AG1 (BP 3AQ1-2P) (A) (P)	Pic Solution Classic Check (D)
Desa Pharma Tecnico Easy	Microlife BP 3BT0-A (2) (A) (P) (D)	Pic Solution Daily Check (D)



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Pic Solution Digit Extra D	Riester ri-champion N A P	Rossmax X1 (V1) D
Pic Solution Digit Smart D	Riester ri-medic Desk	Rossmax X3 (V1) D
Pic Solution Help Check D	Riester ri-medic Floor	Rossmax X5 (V1) D
Pic Solution One Check D	Riester ri-medic Wall	Rossmax X9
Proton PHC-888EA	Riester ri-san	Salter BPA-8200-EU O
Proton PHC-888UP	Rossmax AB701 D	Salter BPA-9200-GB
Proton PHCP-868BF	Rossmax AC1000f (V1) D	Seagull S-868BA O
Riester Big Ben Round Desk	Rossmax AC701 D	Seagull S-888HA
Riester Big Ben Round Floor	Rossmax Accumed AF701 D	Spengler TB-101 D
Riester Big Ben Round Rail	Rossmax Accumed Carrdio C5 D	Suresign LD3
Riester Big Ben Round Wall	Rossmax AD701 D	Visomat Comfort O
Riester E-Mega (1-tube)	Rossmax AE701 D	Visomat Comfort E (v2) D
Riester E-Mega (2-tube)	Rossmax AJ701 D	Walgreens WGNBPA-730
Riester Minimus II	Rossmax AV151f D	Walgreens WGNBPA-740 D
Riester Minimus III	Rossmax CF155f	Walgreens WGNBPA-750 D
Riester Precisa N shock-proof	Rossmax CH155f (V1) D	Welch Allyn ABPM 6100 O
Riester R1 Shock-Proof	Rossmax MW701f (V2) D	Welch Allyn ABPM 7100
Riester ri-cardio	Rossmax MW821f D	Welch Allyn ProBP 2400

Blood Pressure Monitors being Audited

Beurer BM 35 D	Beurer BM 47	Beurer BM 65 D
Beurer BM 44 D	Beurer BM 58 D	Microlife Cradle VSA (BP 3GP1-1L) P

Blood Pressure Monitors with a Validation Fail

Colin BP-8800 C D

Blood Pressure Monitors without Evidence of Scientific Validation

Dinamap ProCare 220	Proton PHC-888JA D	Rossmax MJ701f (V1) D
Honsun Scian LD-330 D	Rossmax AC701k	Rossmax MW701f (V3) D
K-jump KP-7500	Rossmax AD761f	Walgreens WGNBPA-540B D
Omron HEM-780	Rossmax AU941f (V2)	

Visit www.medaval.ie for more information

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|--------------------------------------|---------------------------|----------------------------|
| ‡ The world's top registry | ‡ Device Manuals | ‡ Blood Glucose Meters |
| ‡ Check if your device is validated | ‡ Manufacturer Statistics | ‡ Pulse Oximeters |
| ‡ Devices not proven to be validated | ‡ Validation procedures | ‡ Connected Health Devices |