



Medaval rating of Blood Pressure Monitors recommended by the Japanese 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 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.

Symbols: Listed as Unavailable Listed Previously Discontinued

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

A&D UA-651

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

Omron HEM-7130 (JP)

Omron HEM-7251G

Omron HEM-7252G-HP

Omron HEM-7320F

Omron HEM-7500F

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

Omron Evolv (HEM-7600T-E)

★★ 2-Star Blood Pressure Monitors ★★

A&D TM-2441

A&D UA-1100NFC

A&D UA-1200BLE

A&D UA-651 Plus (UA-656A-JCB1)

A&D UA-651SL Plus

A&D UM-211

A&D UM-212BLE

Nissei DM-3000

Omron HBP-1300 (HBP-1300-E)

Omron HBP-9031C

Omron HCR-1901T2/HCR-1902T2 (HEM-1026)

Omron HEM-1040

Omron HEM-7120

Omron HEM-7600T

Omron HEM-9200T

Omron HEM-9700T

★ 1-Star Blood Pressure Monitors ★

A&D TM-2430

A&D UA-1020

A&D UM-101

Fukuda Denshi DS-7000

Omron HEM-907 (HEM-907-E7)

Other Validated Blood Pressure Monitors

A&D TM-2655

A&D TM-2655P (V2)

A&D TM-2656

A&D UA-631

A&D UA-704

A&D UA-767

A&D UA-767 Plus

A&D UA-774

A&D UA-779

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

A&D UB-512

Citizen CH-461C

Citizen CH-463E

Citizen CH-656C

Fukuda Denshi FM-800

Nihon-Kohden PVM-2701

Omron HEM-1020

Omron i-Q132 SpotArm (HEM-1010-E)

Terumo Elemanno ES-H55



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Blood Pressure Monitors Validated in a Specific Population

Omron HEM-7080IC  

Blood Pressure Monitors with an Internal or Non-Published Validation

Canon UDEX-i2

Dretec BM-200 

Dretec BM-201 

Dretec BM-202 

Fukuda Denshi FBX-1000

Fukuda Denshi FORM-5

Fukuda Denshi SC-1800 (COL-SC-1800)

Nissei DS-R10J

Nissei DSK-1011 

Nissei DSK-1031 

Nissei DSK-1051

Nissei WSK-1021 

Omron HEM-6200 

Omron HEM-7114 

Omron HEM-7200 (V1)  

Omron HEM-7210 

Panasonic EW-BU17  

Panasonic EW-BU57  

Terumo ES-H900D

Terumo ES-P2020DZ 

Terumo ES-P2020ZZ 

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

A&D TM-2433 

A&D TM-2655VP  

A&D TM-2656VPW  

A&D TM-2657  

A&D TM-2657P  

A&D TM-2657VP  

A&D TM-2657W

A&D TM-2657WP

A&D TM-2657WVP

A&D UA-1005 Plus (UA-1005C-JCB1)

A&D UA-1005MR (UA-1005C-JC61) 

A&D UA-1010 

A&D UA-1020B

A&D UA-1020E2 

A&D UA-1020ECO

A&D UA-1020G

A&D UA-1020ND 

A&D UA-1020P  

A&D UA-1030T

A&D UA-1030T Plus (UA-1030TG-JCB1)

A&D UA-1030TMR (UA-1030TG-JC11)

A&D UA-611  

A&D UA-611 Plus

A&D UA-631D  

A&D UA-651BLE  

A&D UA-651BLE Plus (UA-651LB-JC11)

A&D UA-651MR (UA-651A-JC11)  

A&D UA-654 Plus (UA-654B-JCB1)

A&D UA-654MR (UA-654B-JC61) 

A&D UA-655ECO

A&D UA-704 Plus

A&D UA-704CR

A&D UA-704ECO

A&D UA-766  

A&D UA-767PC  

A&D UA-767V  

A&D UA-772K  

A&D UA-772NFC  

A&D UA-774J  

A&D UA-786L  

A&D UA-851PBT-C

A&D UB-510  

A&D UB-511L  

A&D UB-512H  

A&D UM-102A

A&D UM-102B

Citizen CH-432  

Citizen CH-452

Citizen CH-453F

Citizen CH-550 

Citizen CH-551  

Citizen CH-552  

Citizen CHD701

Citizen CHU302

Citizen CHU501

Citizen CHU502 

Citizen CHU703

Citizen CHUC515

Citizen CHUC558

Citizen CHUC615

Citizen CHUF311

Citizen CHUF312-MK



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

Citizen CHUG330	Omron HCR-1702
Citizen CHUG340	Omron HCR-1801
Citizen CHUG360	Omron HCR-7004
Citizen CHUG370	Omron HCR-7006
Citizen CHUR901 	Omron HCR-7101
Colin BP-608EV 	Omron HCR-7106
Colin BP-A308 	Omron HCR-7201
Colin BP-A308D 	Omron HCR-7204T
Colin HBP-2070 	Omron HCR-7407
Colin HBP-2071 	Omron HCR-7409
Fukuda Denshi DS-7200 	Omron HCR-7501T
Fukuda Denshi DS-8005	Omron HCR-750AT 
Fukuda Denshi DS-8007	Omron HCR-7601T 
Fukuda Denshi DS-8100 	Omron HCR-7608T2
Fukuda Denshi DS-8200 	Omron HCR-761AT2
Fukuda Denshi DS-8400	Omron HCR-7711T2
Fukuda Denshi DS-8500	Omron HCR-7800T (HEM-7530T-J3)
Fukuda Denshi DSL-8001	Omron HEM Solar (HEM-4500-Sole) 
Fukuda Denshi FCL-2000	Omron HEM-1000
Fukuda Denshi FM-970	Omron HEM-1010 
Fukuda Denshi HBP-1600-MU3	Omron HEM-1011 
Nihon-Kohden BSM-1700 (PT)	Omron HEM-1012
Nihon-Kohden BSM-3500 Series (VS)	Omron HEM-1021 
Nihon-Kohden BSM-3700 Series (VS)	Omron HEM-1022 
Nihon-Kohden BSM-5700 Series (E7)	Omron HEM-1025 
Nihon-Kohden BSM-6000 Series (TR)	Omron HEM-6022 
Nihon-Kohden CSM-1500 Series (G5)	Omron HEM-6130 
Nihon-Kohden CSM-1700 Series (G7)	Omron HEM-6210 
Nihon-Kohden CSM-1900 Series (G9)	Omron HEM-6220-B 
Nihon-Kohden EMS-1052	Omron HEM-6220-PK 
Nihon-Kohden GZ-140P	Omron HEM-6220-SL 
Nihon-Kohden PVM-2703	Omron HEM-6300F 
Nihon-Kohden PVM-4000	Omron HEM-6301 
Nihon-Kohden PVM-9900	Omron HEM-6310F 
Nihon-Kohden RMC-5000	Omron HEM-6311 
Nihon-Kohden SVM-7000 Series	Omron HEM-6320T 
Nihon-Kohden TEC-1000 Series	Omron HEM-6321T 
Nihon-Kohden TEC-5600 Series	Omron HEM-6323T 
Nihon-Kohden TEC-8300 Series	Omron HEM-6324T 
Nihon-Kohden ZM-540	Omron HEM-7080IT 
Nihon-Kohden ZM-940PG 	Omron HEM-7121 
Nihon-Kohden ZS-640 	Omron HEM-7122 
Nihon-Kohden ZS-940P 	Omron HEM-7126 (V1)
Omron HBP-1600 	Omron HEM-7130-HP
Omron HBP-9030	Omron HEM-7132 (V1) 
Omron HBP-T105S-N 	Omron HEM-7133 
Omron HCR-1602	Omron HEM-7270C 



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

Omron HEM-7271T
 Omron HEM-7280C
 Omron HEM-7281T
 Omron HEM-7310
 Omron HEM-7313
 Omron HEM-7324C
 Omron HEM-7325T
 Omron HEM-7510C
 Omron HEM-7511T
 Omron HEM-759P
 Omron HEM-8712 (JP)

Omron HEM-8713 (V1)
 Omron HEM-8731
 Omron M3 Comfort (HEM-7134)
 Panasonic EW-BU16
 Panasonic EW-BU36
 Panasonic EW-BU56
 Terumo Elemanno ES-H55D
 Terumo Elemanno ES-H55DN
 Terumo Elemanno2 ES-H56
 Terumo Elemanno2 ES-H56D

Blood Pressure Monitors without Evidence of Scientific Validation

Citizen CHUA516
 Citizen CHUA715
 Citizen CHUA716-BK
 Citizen CHUH 533
 Citizen CHUH 719
 Citizen CHUH904C
 Elecom HCM-AS01BTWH
 Elecom HCM-AS01WH
 Fukuda Denshi BDS-1001
 Fukuda Denshi DS-1200
 Nissei DS-A10
 Nissei DS-B10
 Nissei DS-G10
 Nissei DS-H10J
 Nissei DS-N10
 Nissei DS-S10
 Nissei WSK-1011
 Philips Avalon FM20

Philips Avalon FM30
 Philips Avalon FM40
 Philips Avalon FM50
 Philips Efficia DFM-100
 Philips Expression MR400
 Philips HeartStart MRx
 Philips HeartStart XL
 Philips IntelliVue MP2 (MN-865040)
 Philips IntelliVue MP20 (M8001A)
 Philips IntelliVue MP5 (MN-865024)
 Philips IntelliVue MP90 (M8010A)
 Philips IntelliVue MX-400
 Philips IntelliVue MX-800
 Philips IntelliVue X2 (M3002A)
 Terumo ES-P2000
 Terumo ES-R800ST
 Terumo ES-R800SZ

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 |