JOINT INITIATIVE WITH European Society of Hypertension · International Society of Hypertension · World Hypertension League

VALIDATED DEVICES FOR BLOOD PRESSURE MEASUREMENT IN PREGNANCY / PREECLAMPSIA

List generated from www.stridebp.org on the 14 Nov 2026

Validated devices: have passed established validation procedures that have been checked and approved by the STRIDE BP Scientific Advisory Board.

Preferred devices: are upper-arm cuff devices with at least one STRIDE BP approved validation study, which was published within the last 10 years and used a recent protocol (AAMI/ESH/ISO Universal Standard (ISO 81060-2:2018); ANSI/AAMI/ISO 2013 or 2009; ESH-IP 2010). Preferred devices for home use should also allow automated storage of multiple readings, or mobile phone, PC or internet link connectivity enabling data transfer.

* **Equivalent or Identical devices:** Equivalent devices have not been validated but evidence has been provided and approved by the STRIDE BP Scientific Advisory Board showing that they are equivalent to a device that has fulfilled the criteria for validated devices (see below). Identical devices have no difference from a STRIDE BP approved device, apart from model name change.

Devices for Office / Clinic blood pressure measurement

Validated upper-arm devices available on the market (3)

Microlife VSA (BP3GP1-1L) *

yuwell YE990

yuwell YE993 *

Validated upper-arm devices not available on the market (1)

Microlife 3AS1-2

Devices for Home blood pressure monitoring

Validated upper-arm devices available on the market (47)

ANATS Safety A.T/G PREMIUM *

Andon iHealth Track

Aposán DBP-6194 *

Avita BPM636

Grandway G.LAB MD41A0

Ideal Life Blood Pressure Manager

JOYTECH DBP-6179 *

JOYTECH DBP-6191 *

JOYTECH DBP-6191HD *

JOYTECH DBP-6192 *

Omron M3 Comfort AFib (HEM-7196-FLE) *

Omron M3 Comfort(HEM-7155-E) *

Omron M4 Connect AF (HEM-7196T1-FLE) *

Omron M4 Intelli IT (HEM-7155T-ALRU) *

Omron M4 Intelli IT(HEM-7155T-EBK) *

Omron M400 Comfort (HEM-7155-D) *

Omron M400 Intelli IT (HEM-7155T-D) *

Omron M500 Intelli IT (HEM-7361T-D) *

Omron M6 Comfort (HEM-7360-E) *

Omron M6 Comfort AFib(HEM-7380-E) *

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- **JOYTECH** DBP-61A1 *
- **JOYTECH** DBP-61E1 *
- **JOYTECH** DBP-6279B
- **JOYTECH** DBP-6282B *
- **JOYTECH** DBP-6285B *
- **Microlife** BP 3BTO-A
- **Microlife** WatchBP Home
- **Microlife** WatchBP Home A *
- **Microlife** WatchBP Home A BT *
- **Microlife** WatchBP Home S *
- **Motif Medical** BAB0001 *
- **Omron** Evolv (HEM-7600T-E)
- **Omron** M2 Comfort HEM-7188-FLD *
- **Omron** M3 Comfort (HEM-7155-ALRU) *
- **Omron** M7 Inteli IT(HEM-7361T-EBK) *
- **Omron** M7 Intelli IT (HEM-7361T-ALRU) *
- **Omron** M7 Intelli IT Afib (HEM-7380T1-EBK) *
- **Omron** X3 Comfort AFib (HEM-7196-FLEO) *
- **Omron** X3 Comfort(HEM-7155-EO) *
- **Omron** X4 Connect AF (HEM-7196T1-FLEO) *
- **Omron** X4 Smart (HEM-7155T-ESL) *
- **Omron** X7 Smart Afib (HEM-7380T1-EOSL) *
- **Omron** X7 Smart(HEM-7361T-ESL) *
- **PIC solution** CARDIOAfib+ *
- **Spengler** Neotens (NEO300) *
- **Withings** BPM Connect
- **Withings** BPM Connect Pro *

Validated upper-arm devices not available on the market (11)

- **Nissei** DS-400
- **Omron** BP760N (HEM-7320-Z)
- **Omron** HEM-9210T
- **Omron** M3 Comfort (HEM-7134-E)
- **Omron** M6 Comfort (HEM-7321-E) *
- **Omron** M6 Comfort IT (HEM-7322U-E)
- **Omron** M7 (HEM-780-E)
- **Omron** M7 Intelli IT (HEM-7322T-E) *
- **Omron** MIT
- **Omron** MIT Elite
- **Omron** X6 Comfort (HEM-7360-EO) *

Devices for Ambulatory blood pressure monitoring

Validated upper-arm devices available on the market (1)

- **PAR Medizintechnik & Co.** PHYSIO-PORT UP

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