

## Upper Arm

Name	Model	Validation Protocol		
		ESH	BHS	Special cases
M1 Classic	HEM-442-E	Passed <sup>*1</sup>		
M1 Plus	HEM-4011C-E	Passed <sup>*2</sup>		
M1 Compact	HEM-4022-E	Passed <sup>#2</sup>		
M1	HEM-4030-E	Passed <sup>#2</sup>		
HEM-SOLAR	HEM-4500-SOLE	Passed <sup>#2</sup>		
MX3 Plus	HEM-742-E	Passed <sup>*3</sup>		
MX2 Basic	HEM-742-E2	Passed <sup>#3</sup>		
M2 Compact	HEM-7102-E	Passed <sup>*14</sup>		
	HEM-7101-E(V)			
M3 Intellisense	HEM-7051-E	Passed <sup>*14</sup>		
M2 Basic	HEM-7116-E/E8/ HEM-7116-E2	Passed <sup>#14</sup>		
M2	HEM-7117-E/E8 HEM-7117-E(V)	Passed <sup>*23</sup>		
M2	HEM-7119-E(V)	Passed <sup>*23</sup>		
M3	HEM-7200-E/E8/ HEM-7200-E2(V)	Passed <sup>*23</sup>		
M3W	HEM-7202-E(V)	Passed		
705IT	HEM-759-E	Passed <sup>*5</sup>	Passed <sup>*6</sup>	Children <sup>*7</sup> Obese <sup>#9</sup> Elderly <sup>#19</sup>
705CP-II	HEM-759P-E2	Passed <sup>#5</sup>	Passed <sup>#6</sup>	Children <sup>#7</sup> Obese <sup>#9</sup> Elderly <sup>#19</sup>
M6	HEM-7001-E	Passed <sup>*8</sup>	Passed <sup>#6</sup>	Obese <sup>*9</sup> Children <sup>#7</sup> Elderly <sup>*19</sup>
M6	HEM-7211-E/E8 HEM-7211-E(V)	Passed <sup>*23</sup>	Passed <sup>#6</sup>	Obese <sup>*9</sup> Children <sup>#7</sup> Elderly <sup>*19</sup>
M6W	HEM-7213-E(V)	Passed		
M4-I	HEM-752-E	Passed <sup>#5</sup>	Passed <sup>#6</sup>	Children <sup>#7</sup> Obese <sup>#9</sup> Elderly <sup>#19</sup>
M5-I	HEM-757-E	Passed <sup>*5</sup>		Elderly <sup>*10</sup>
M7	HEM-780-E	Passed <sup>#2</sup>	Passed <sup>*18</sup>	Children <sup>*11</sup> Obese <sup>*12</sup> Pregnancy <sup>*20</sup>

M6 Comfort	HEM-7000-E	Passed <sup>*2</sup>	Passed <sup>#18</sup>	Obese <sup>#11</sup> Large arm <sup>#12</sup> Pregnancy <sup>#20</sup>
M6 Comfort	HEM-7221-E/E8	Passed <sup>#2</sup>	Passed <sup>#18</sup>	Obese <sup>#11</sup> Large arm <sup>#12</sup> Pregnancy <sup>#20</sup>
M6 Comfort	HEM-7223-E	Passed <sup>#2</sup>		Obese <sup>#11</sup> Large arm <sup>#12</sup> Pregnancy <sup>#20</sup>
i-C10	HEM-7070-E	Passed <sup>#2</sup>	Passed <sup>#18</sup>	Obese <sup>#11</sup> Large arm <sup>#12</sup> Pregnancy <sup>#20</sup>
i-Q132	HEM-1010-E	Passed <sup>*22</sup>		
i-Q142	HEM-1040-E	Passed <sup>*27</sup>		
M10-IT	HEM-7080IT-E	Passed <sup>#2</sup>	Passed <sup>#18</sup>	Obese <sup>#11</sup> Large arm <sup>#12</sup> Pregnancy <sup>#20</sup>
MIT Elite	HEM-7300-WE/ WE7	Passed <sup>*21</sup>		Pre-eclampsia <sup>*24</sup> Pregnancy <sup>*24</sup>
MIT Elite Plus	HEM-7301-ITKE/ ITKE7	Passed <sup>#21</sup>		Pre-eclampsia <sup>*24</sup> Pregnancy <sup>*24</sup>
907	HEM-907-E	Passed <sup>*13</sup>		Elderly <sup>*10</sup>

• means the original paper

# means that same validation result can be used as \*

## Wrist

Name	Model	Validation Protocol		
		ESH	BHS	Special cases
637IT R7	HEM-637IT-E HEM-637-E2/E7	Passed <sup>*8</sup>		Obese <sup>*15</sup> Elderly <sup>*16</sup>
RS6	HEM-6221-E	Passed <sup>*25</sup>		
R6	HEM-6000-E/E7	Passed <sup>#8</sup>		
R6	HEM-6052-E/E7	Passed <sup>#8</sup>		
RS3	HEM-6130-E	Passed <sup>*26</sup>		
RS2	HEM-6121-E	Passed <sup>#26</sup>		
RS1	HEM-6120-E	Passed <sup>#26</sup>		
R3-I Plus	HEM-6022-E	Passed <sup>*14</sup>		
R3 Intellisense	HEM-6021-E	Passed <sup>#14</sup>		
R2	HEM-6113-E(V)	Passed <sup>*23</sup>		
RX3	HEM-640-E	Passed <sup>*17</sup>		
RX3 Plus	HEM-642-E	Passed <sup>#17</sup>		

\* means the original paper

# means that same validation result can be used as \*

- \*1 Abstract book of the French Society of Hypertension meeting ( Arch. Mal. Coeur & Vaisseaux, 2004; 97; 53-54 )
- \*2 Validation of four automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension – Published: Vascular Health and Risk Management 2007; 3(4) 1-12
- \*3 Validation of the Omron MX3 Plus oscillometric Blood pressure monitoring device according to the European Society of Hypertension International Protocol - Published : Blood Pressure Monitoring 2005, 10:165-168
- \*4 Journal of Hypertension 2006, Vol 24 (suppl 4), P14.470
- \*5 Evaluation of two devices for self-measurement of blood pressure according to the international protocol: the Omron M5-I and the Omron 705-IT – Published: Blood Pressure Monitoring 2003, 8(3):127-133
- \*6 Validation of the Omron 705IT (HEM-759-E) oscillometric blood pressure monitoring device according to the British Hypertension Society protocol – Published: Blood Pressure Monitoring 2006, 11:27-32
- \*7 Validation of the Omron 705 IT oscillometric device for home blood pressure measurement in children and adolescents: The Arsakion School Study – Published: Blood Pressure Monitoring 2006, 11:229–234
- \*8 Validation of two automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension: the Omron M6 (HEM-7001-E) and the Omron R7 (HEM 637-IT) – Published: Blood Pressure Monitoring 2006, 11:165-171
- \*9 Validation of the Omron M6 (HEM-7001-E) upper-arm blood pressure measuring according to the International Protocol in adults and obese adults – Published: Blood Pressure Monitoring 2007, 12:219-225
- \*10 Validation of the Omron M5-I, R5-I and HEM-907 automated blood pressure monitors in elderly individuals according to the International Protocol of the European Society of Hypertension – Published: Blood Pressure Monitoring 2007, 12:233-242
- \*11 The Journal of clinical hypertension Suppl. A Vol.8 No.5 May 2006 -P-303
- \*12 Validation of the OMRON M7 (HEM-780-E) blood pressure measuring device in a population requiring large cuff use according to the International Protocol of the European Society of Hypertension – Published: Blood Pressure Monitoring 2007, 12:173-178.
- \*13 Validation of the Omron HEM-907 device for blood pressure measurement – Published: Blood Pressure Monitoring 2002, 7:237-241
- \*14 Validation of three automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society of Hypertension: the Omron M3 Intellisense (HEM-7051-E), the Omron M2 Compact (HEM-7201-E) and the Omron R3-I Plus (HEM 6022-E) – Published: Blood Pressure Monitoring 2010,15:49-54.

- \*15 Validation of the Omron 637IT wrist blood pressure measuring device with a position sensor according to the International Protocol in adults and obese adults – Published: Blood Pressure Monitoring 2006, 11:79-85
- \*16 Validation of the Omron 637IT wrist blood pressure measuring device with a position sensor according to the International Protocol in the elderly – Published: Blood Pressure Monitoring 2006, 11:97-102
- \*17 Validation of the Omron® RX-3 blood pressure measuring device at the wrist level according to the International Protocol of the European Society of Hypertension – Published: American Journal of Hypertension
- \*18 Validation of the Omron® M7 (HEM-780-E) oscillometric blood pressure monitoring device according to the British Hypertension Society protocol – Published: Blood Pressure Monitoring 2008, 13:49-54
- \*19 Validation of the Omron M6 (HEM-7001-E) upper arm blood pressure measuring device according to the International Protocol in elderly patients – Published: Blood Pressure Monitoring 2008, 13:117-122
- \*20 Accuracy of Inflationary versus deflationary oscillometry in pregnancy and preeclampsia: OMRON MIT versus OMRON-M7 – Published: Blood Pressure Monitoring 2009, 14:37-40
- \*21 The Omron Elite 7300W home blood pressure monitor passes the European Society of Hypertension International Validation. Protocol for men and women – Published: Blood Pressure Monitoring 2009, 14:87-90
- \*22 Validation of home blood pressure monitoring devices, Omron HEM-1020 and Omron i-Q132 (HEM-1010-E) according to the ESH Protocol – Published: Blood Pressure Monitoring 2011, 16:203-207
- \*23 Validation of four automatic devices for self-measurement of blood pressure according to the International Protocol of the European Society (HEM-6113-E, HEM-7117-E, HEM-7200-E, HEM-7211-E) – Vascular Health and Risk Management 2011, 7:709-717
- \*24 Clinical accuracy of inflationary oscillometry in pregnancy and pre-eclampsia: OMRON MIT Elite. Pregnancy Hypertension 2012.04.001
- \*25 Validation of the OMRON RS6 (HEM-6221-E) wrist blood pressure monitor, in oscillometry mode, for clinic use and self measurement in a general population, according to the European Society of Hypertension International Protocol revision 2010; Dublin: dablEducational Trust; 2013 Feb 01. 4 p; Hakuo Takahsahi, Toyohiko Yokoi and Masamichi Yoshika
- \*26 Validation of the OMRON RS3 (HEM-6130-E) wrist blood pressure monitor, in oscillometry mode, for clinic use and self measurement in a general population, according to the European Society of Hypertension International Protocol revision 2010; Dublin: dablEducational Trust; 2013 Feb 01. 4 p; Hakuo Takahsahi, Toyohiko Yokoi and Masamichi Yoshika
- \*27 Validation of the OMRON i-Q142 (HEM-1040-E) upper arm blood pressure monitor, in oscillometry mode, for clinic use and self measurement in a general population, according to the European Society of Hypertension International Protocol revision 2010; Dublin: dablEducational Trust; 2012 Jun 07. 4 p; Hakuo Takahsahi