

## **-NEW PRODUCT INFORMATION SHEETS-**



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# Sales Name: **M3W** Item Number: **HEM-7202-E(V)** **And HEM-7202-EE(V)**

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## General Information:

Sales Name	M3W
Item number	HEM-7202-E(V) and HEM-7202-EE(V)
Model Category	Blood Pressure Monitor
Legal Manufacturer	 <b>OMRON HEALTHCARE Co., Ltd.</b> 53, Kunotsubo, Terado-cho, Muko, Kyoto 617-0002 JAPAN
Production Facilities	OMRON HEALTHCARE MANUFACTURING VIETNAM CO., LTD. No. 28 VSIP II, Street 2, Vietnam-Singapore Industrial Park II, Binh Duong Industry-Services-Urban Complex, Hoa Phu Ward, Thu Dau Mot Town, Binh Duong Province, VIETNAM
Photo of Product	
Packaging Content	Main unit, medium cuff (22-42 cm), instruction manual, storage case, battery set, guarantee card, blood pressure pass, quick guide
EAN Code	401567210683 3 (HEM-7202-E(V)) 401567210684 0 (HEM-7202-EE(V))

## Packaging Information:

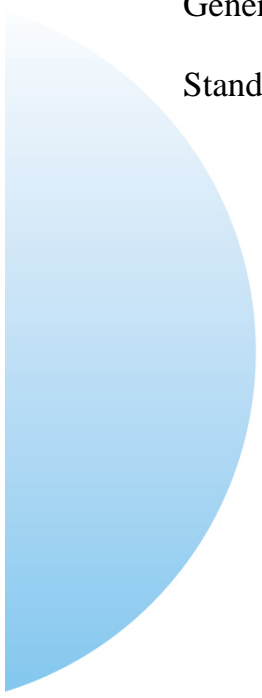
Carton	Qty	Approx Weight	Approx dimensions W x D x H mm
Main unit without batteries	1	340 g	123 x 141 x 85
Sales Package	1	840 g	134 x 110 x 175
Master Carton	10	9.5 Kg	587 x 292 x 216

## List of Harmonized EN Standards

### Directives

General applicable directives: Medical Device Directive (MDD) 93/42/EEC

### Standards:



- EN 980: 2008
- EN 1041: 2008
- EN 1060-1:1995+A2:2009
- EN 1060-3:1997+A2:2009
- EN ISO 10993-1: 2009
- EN ISO 10993-5: 2009
- EN ISO 10993-10: 2009
- EN ISO 14971: 2009
- EN 60601-1:1990+A1:1993+A2:1995
- EN 60601-1-2: 2007
- EN 60601-1-4:1996+A1:1999
- EN 62304:2006
- EN 62366:2008

## Intended Use

### Medical Purpose

This product is intended for use to measure and/or monitor patients to record their blood pressure levels.

### Intended User

- Legally certified medical experts, such as doctor, nurse and therapist, or healthcare personnel or patient under the guidance of qualified medical experts.
- The user should also be capable of understanding general operation of this device and the content of instruction manual.

### Intended Patients

This product should not be used by patients, who are unconscious or are not breathing spontaneously, unattended children or persons who cannot express their intent.

### Environment

This product is intended for use in a medical facility, clinic and doctor's office, and in a room of general household.

## Particularities

M3W (HEM-7202-E(V) and HEM-7202-EE(V)) is an automatic blood pressure monitor that has the unique selling points as noted:

- Two users with memory
- 60 memories with date and time for each user (A and B)
- Optimal speed and pressure for gentle inflation/deflation
- Irregular heartbeat detection
- Wide range cuff – 22-42 cm
- Correct cuff wrapping guide
- Blood pressure level indicator bar
- Movement error symbol

## Package Design

Packaging Information: HEM-7202-E(V)



## Packaging Information: HEM-7202-EE(V)

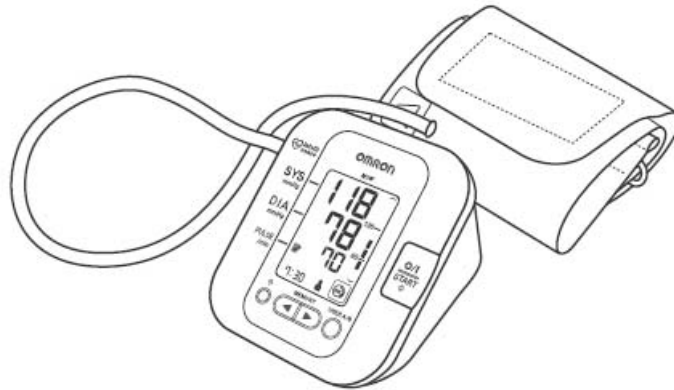


Carton	QTY	Approx. Weight	Approx. Dimensions (W) x (D) x (H)
Single unit	1	340 g	123 x 141 x 85
Master carton	10	9.5 Kg	587 x 292 x 216

## Instruction Manual Design

HEM-7202-E(V)

OMRON



English

Français

Deutsch

Italiano

Español

Nederlands

Русский

العربية

### Digital Automatic Blood Pressure Monitor Model M3W Instruction Manual



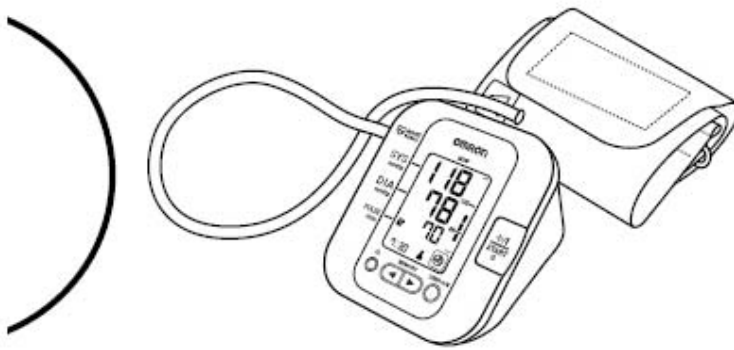
All for Healthcare

IM-HEM-7202-E(V)-01-08/2011  
5334060-6A



HEM-7202-EE(V)

## OMRON



### Digital Automatic Blood Pressure Monitor Model M3W Instruction Manual



All for Healthcare

English

Polski

Česky

Slovensky

Magyar




Slovenščina

Hrvatski

Română

IM-HEM-7202-EE(V)-01-08/2011  
5334063-0A

## Technical Specifications

Product Description	Automatic Blood Pressure Monitor
Model	OMRON M3W (HEM-7202-E(V) and HEM-7200-EE(V))
Display	LCD Digital Display
Measurement Method	Oscillometric method
Languages	HEM-7202-E(V) EN, DE, FR, IT, ES, NL, RU, AR HEM-7202-EE(V) EN, PL, CZ, SL, HU, SV, HR, RO
Measurement Range	Pressure: 0mmHg to 299mmHg Pulse: 40 to 180/min.
Memory	60 measurements with date and time for each user (A and B)
Accuracy	Pressure: $\pm 3$ mmHg Pulse: $\pm 5\%$ of display reading
Inflation	Fuzzy-logic controlled by electric pump
Deflation	Automatic pressure release valve
Rating	DC6V  4W
Power Source	4 "AA" batteries 1.5V or <b>optional</b> AC Adapter (6V = 4W)
Battery life	Capacity of new alkaline batteries is approximately 1000 measurements
Applied Part	 = Type B
Protection Against Electric Shock	Internally powered ME equipment (When using only the batteries)   = Class II ME equipment (Optional AC adapter)
Operating temperature / Humidity	+10°C to +40°C Maximum: 30% to 85% RH
Storage Temperature / humidity	-20°C to +60°C Maximum: 10% to 95% RH / 700-1060hPa
Console Weight	Approximately <b>340g</b> without batteries
Cuff Weight	Approximately <b>170g</b>
Outer dimensions	Approximately 123 (w) mm x 85 (h) mm x 141 (l) mm
Cuff dimensions	Approximately 151 mm x 635 mm (Cuff: arm circumference 22 to 42 cm)
Cuff material	Nylon and polyester
Package Content	Main unit, cuff, instruction manual, storage case, battery set, guarantee card, blood pressure pass, quick guide
EAN code	401567210683 3 (HEM-7202-E(V)) 401567210684 0 (HEM-7202-EE(V))

Note: Subject to technical modification without prior notice.

### CE0197

This device fulfils the provisions of EC directive 93/42/EEC (Medical Device Directive).

- This blood pressure monitor is designed according to the European Standard EN1060, Noninvasive sphygmomanometers Part 1: General Requirements and Part 3: Supplementary requirements for electromechanical blood pressure measuring systems.
- This OMRON product is produced under the strict quality system of OMRON HEALTHCARE Co. Ltd., Japan. The Core component for OMRON blood pressure monitors, which is the Pressure Sensor, is produced in Japan.

## Comparison Table

	New model	Predecessor
<b>Model</b>	M3W (HEM 7202-E(V)) M3W (HEM-7202-EE(V))	M3 (HEM-7200-E(V) / E8(V)) M3 (HEM-7200-EE(V))
<b>Measurement Method</b>	Oscillometric	Same as new model
<b>Measurement range</b>	Pressure: 0mmHg to 299mmHg Pulse: 40 to 180/min.	Same as new model
<b>Memory</b>	60 measurements with date and time for each user (A and B)	60 measurements with date and time for one user
<b>Accuracy</b>	Pressure: $\pm 3$ mmHg Pulse: $\pm 5\%$ of display reading	Same as new model
<b>Inflation</b>	Fuzzy-logic controlled by electric pump	Same as new model
<b>Deflation</b>	Automatic pressure release valve	Same as new model
<b>Power source</b>	4 "AA" batteries 1.5V or AC/DC adapter	Same as new model
<b>Protection Against Electric Shock</b>	Internally powered ME equipment (When using only the batteries) <input type="checkbox"/> = Class II ME equipment (Optional AC adapter)	Same as new model
<b>Operating temperature/ Humidity</b>	+10°C to +40°C Maximum: 30% to 85% RH	Same as new model
<b>Storage temperature/ humidity</b>	-20°C to +60°C Maximum: 10% to 95% RH / 700-1060hPa	Same as new model

### Conclusion of Comparison

The new model is a substantial equivalent of both of its predecessor in terms of Technology, Functionality, Safety, Reliability, Performance and general application.

### List of Materials (Main unit)

Item	Material	Grade
Front Housing	Acrylonitrile butadiene styrene	UMG EX-120 or Techno polymer 130
Ground Housing	Acrylonitrile butadiene styrene	UMG EX-120 or Techno polymer 130
Battery Cover	Acrylonitrile butadiene styrene	UMG EX-120 or Techno polymer 130
Start Button	Acrylonitrile butadiene styrene	UMG EX-120 or Techno polymer 130
Memory Button	Acrylonitrile butadiene styrene	UMG EX-120 or Techno polymer 130
Clock Button	Acrylonitrile butadiene styrene	UMG EX-120 or Techno polymer 130
Arrow Button	Acrylonitrile butadiene styrene	UMG EX-120 or Techno polymer 130
Slide Button	Acrylonitrile butadiene styrene	UMG EX-120
Front Panel	Polycarbonate	—
Air Connector Cap	Acrylonitrile butadiene styrene	UMG EX-120
Foot Rubber	Polyurethane	3M SJ-5816
Battery Contact	SWC-CU or CP wire	15LSCD Ep-Fe/Ni or 15CP Ep-FE/Ni

### List of Materials (Wide Range Cuff)

Item	Material	Grade
Bias Tape	Polyester	#EX3001
Cloth covering	Polyester	#P165T
Air Tube	PVC	DIC G-261
Hook and Loop fastener	Hook: PVC Loop: Nylon	Hook: 1991# Loop: Pantone Cool Gray 7C
Metal Ring	SWRM	
Air plugs to device	ABS	
Air plug to cuff	PVC	DIC G-263

## Maintenance and storage

### Maintenance

To protect your unit from damage, please observe the following:

- Do not subject the main unit and the cuff to extreme temperatures, humidity, moisture or direct sunlight.
- Do not fold the cuff or tubing tightly.
- Do not disassemble the unit.
- Do not subject the unit to strong shocks or vibrations (for example, dropping the unit on the floor).
- Do not use volatile liquids to clean the main unit.
- Do not wash the arm cuff or immerse it in water.
- Do not use petrol, thinners or similar solvents to clean the arm cuff.
- Do not carry out repairs of any kind yourself. If a defect occurs, consult your OMRON retail outlet or distributor as mentioned on the packaging.
- The unit should be cleaned with a soft, dry cloth.
- Use a soft, moistened cloth and soap to clean the arm cuff.

### Calibration and Service

- The accuracy of this blood pressure monitor has been carefully tested and is designed for a long service life.
- It is generally recommended to have the unit inspected every two years to ensure correct functioning and accuracy. Please consult your authorised OMRON dealer or the OMRON Customer Service at the address given on the packaging or attached literature.

### Storage

Keep the unit in its storage case when not in use.

**1. Unplug the air plug from the air jack.**

**2. Gently fold the air tube into the arm cuff.**

Note: Do not bend the air tube excessively.




**3. Place the arm cuff and main unit in the storage case.**

Do not store the unit in the following situations:

- If the unit is wet.
- Locations exposed to extreme temperatures, humidity, direct sunlight, dust or corrosive vapours.
- Locations exposed to vibrations, shocks or where it will be at an angle.

## Optional Accessories

### 1. Cuffs

Wide Range Arm Cuff	Medium Arm Cuff	Large Arm Cuff
Arm Circumference 22-42 cm	Arm Circumference 22-32 cm	Arm Circumference 32-42cm
		

### 2. AC Adapter S

Adapter S – 9515336-9

