

# OMRON

## Automatic Upper Arm Blood Pressure Monitor

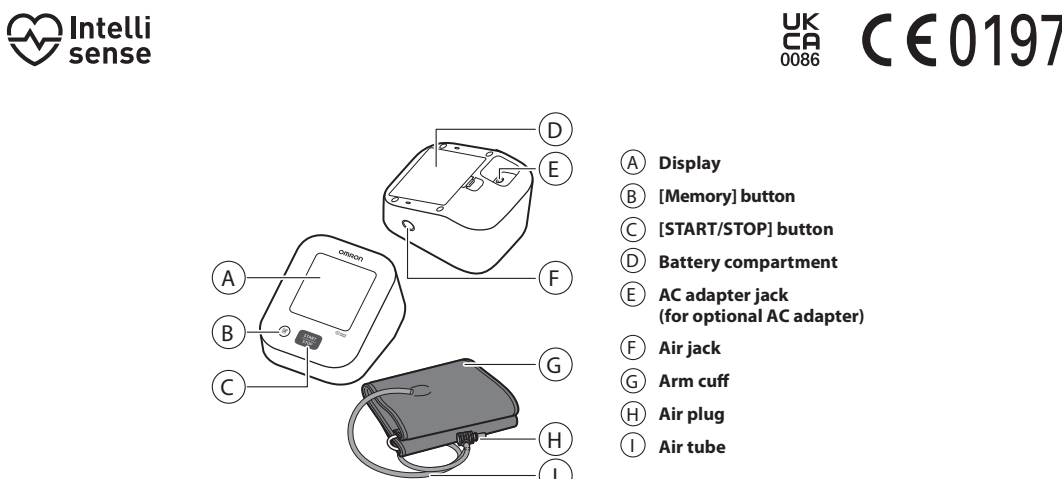
### M2+ (HEM-7188-LE)

### M2 Essential (HEM-7188-E)

English

## Instruction Manual 1: Safety and Other Information

For symbols information, refer to "Symbols Description" section.



## Introduction

Thank you for purchasing the OMRON Automatic Upper Arm Blood Pressure Monitor. This blood pressure monitor uses the oscillometric method of blood pressure measurement. This means this monitor detects your blood movement through your brachial artery and converts the movements into a digital reading.

### Safety Instructions

This instruction manual provides you with important information about the OMRON Automatic Upper Arm Blood Pressure Monitor. To ensure the safe and proper use of this monitor, READ and UNDERSTAND all of these instructions. If you do not understand these instructions or have any questions, contact your OMRON retail outlet or distributor before attempting to use this monitor. For specific information about your own blood pressure, consult with your physician.

### Intended Use

This device is a digital monitor intended for use in measuring blood pressure and pulse rate in adult patient population. The device detects the appearance of irregular heartbeats during measurement and indicates this via a symbol with the measurement result.

### Intended Patients

Adult patient population. Adult population (may include patients themselves) who can understand this instruction manual.

### Clinical Benefit

Patient's blood pressure can be measured non-invasively and simply in a home environment.

### Type of Use

This monitor is intended to be multiple patient multiple use.

### Limitation

Patient's arm circumference must be 17 - 42 cm.

### Indication

This device is used by healthy individuals, patients with hypertension, patients with health-conscious individuals, in a general household situation for measuring blood pressure and pulse rate.

### Receiving and Inspection

Remove this monitor and other components from the packaging and inspect for damage. If this monitor or any other components is damaged, DO NOT USE and consult with your OMRON retail outlet or distributor.

## Important Safety Information

Read the Important Safety Information in this instruction manual thoroughly before using this monitor. Follow this instruction manual thoroughly for your safety.

Keep for future reference. For specific information about your own blood pressure, consult with your physician.

### Contraindications

- DO NOT use this monitor on an injured arm or on an arm under treatment.
- DO NOT apply the arm cuff on your arm while on an intravenous drip or blood transfusion.
- DO NOT use this monitor on infants, toddlers, children or persons who cannot express themselves.

### Side Effects

- Taking measurements more often than necessary may cause bruising due to blood flow restriction.
- Inflating to a higher pressure than necessary may result in bruising of the arm where the cuff is applied. NOTE: refer to "your systolic pressure is more than 210 mmHg" in the end of instruction manual 2 for additional information.
- Stop using this monitor and consult with your physician if you experience skin irritation or discomfort.

Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

- DO NOT adjust medication (including altering your use of any drug or treatment) based on blood pressure measurement.
- Take medication as prescribed by your physician. ONLY your physician is qualified to diagnose and treat high blood pressure and heart related conditions.
- NEVER diagnose or treat yourself based on your readings. ALWAYS consult with your physician.
- If you are experiencing any symptoms or concerns, consult with your physician.

- DO NOT postpone/stop regular checkups or physician visits based on the results that you are getting from this monitor.
- DO NOT use this monitor in areas containing high frequency (HF) electrical equipment, magnetic resonance imaging (MRI) equipment, computer tomography (CT) scanners. This may result in incorrect operation of the monitor and/or cause an inaccurate reading.
- DO NOT use this monitor in oxygen rich environments or near flammable gas.

- Consult with your physician before using this monitor if you have common arrhythmias such as atrial or ventricular premature beats or atrial fibrillation, arterial sclerosis, poor perfusion; diabetes; pregnancy; pre-eclampsia or renal disease. NOTE that any of these conditions in addition to patient motion, trembling, or shivering may affect the measurement reading.
- To help avoid strangulation, keep the air tube and AC adapter cable away from infants, toddlers and children.
- This product contains small parts that may cause a choking hazard if swallowed by infants, toddlers and children.

### AC Adapter (optional accessory) Handling and Usage

- DO NOT use the AC adapter if this monitor or the AC adapter cable is damaged, the air tube is damaged, turn off the power and unplug the AC adapter immediately.
- Plug the AC adapter into the appropriate voltage outlet. DO NOT use in a multi-outlet plug.
- NEVER plug in or unplug the AC adapter from the electric outlet with wet hands.
- DO NOT disassemble or attempt to repair the AC adapter.

### Battery Handling and Usage

- Dispose of used batteries should be carried out in accordance with local regulations.
- The supplied batteries may have a shorter life span than new batteries.
- Replacing batteries will not delete previous readings.

## 1 Error Messages and Troubleshooting

If any of the below problems occur during measurement, check to make sure that no other electrical device is within 30 cm of the monitor. If the problem persists, refer to the table below.

| Display/Problem                                                                                                                                               | Possible Cause                                                          | Solution                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
|  appears                                                                   | The (START/STOP) button was pressed while the arm cuff was not applied. | Press the (START/STOP) button again to turn the monitor off.                                             |
|  appears or a measurement cannot be completed while the arm cuff inflates. | The arm cuff is not applied correctly.                                  | Apply the arm cuff correctly, then take another measurement. Refer to section 4 of instruction manual 2. |
|  appears or a measurement cannot be completed while the arm cuff inflates. | The arm cuff is not applied correctly.                                  | Apply the arm cuff correctly, then take another measurement. Refer to section 4 of instruction manual 2. |
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| Display/Problem                                                                           | Possible Cause                            | Solution                                                                                                 |
|-------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------|
|  appears  | The pulse rate is not detected correctly. | Apply the arm cuff correctly, then take another measurement. Refer to section 4 of instruction manual 2. |
|  appears | The pulse rate is not detected correctly. | Apply the arm cuff correctly, then take another measurement. Refer to section 4 of instruction manual 2. |
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## 2 Limited Warranty

Thank you for buying an OMRON product. This product is constructed of durable materials and great care has been taken in its manufacturing. It is designed to give you a high level of comfort, provided that it is properly operated and maintained as described in instruction manual.

This product is warranted by OMRON for a period of 5 years after the date of purchase. The proper construction, workmanship and materials of this product is warranted by OMRON. During this period of warranty OMRON will, without charge for labor or parts, repair or replace the product or any defective parts.

The warranty does not cover any of the following:

- A. Transport costs and risks of transport.
- B. Costs for repairs and, or, defects resulting from repairs done by unauthorized persons.
- C. Unplanned check-ups and maintenance.
- D. Failure or wear of optional parts or other attachments other than the main device itself, unless explicitly warranted by OMRON.
- E. Costs arising due to non-acceptance of a claim (those will be charged for).
- F. Damages of any kind including personal caused accidentally or from use.
- G. Calibration service is not included within the warranty.
- H. Optional parts have a one (1) year warranty from date of purchase.
- I. Optional parts include, but are not limited to the following items: cuff and tube.

Should warranty service be required please apply to the dealer whom the product was purchased from or an authorized OMRON distributor.

For the address refer to the product packaging / literature or to your specialised retailer. If you have difficulties in finding OMRON customer services, visit our website (www.omron-health-care.com) for contact information.

Repair or replacement under the warranty does not give rise to any extension or modification not approved by the manufacturer will void the warranty.

The warranty will be granted only if the complete product is returned together with the original invoice / cash ticket issued to the consumer by the retailer.

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## Αυτόματο πεισόμετρο άνω βραχιόνια

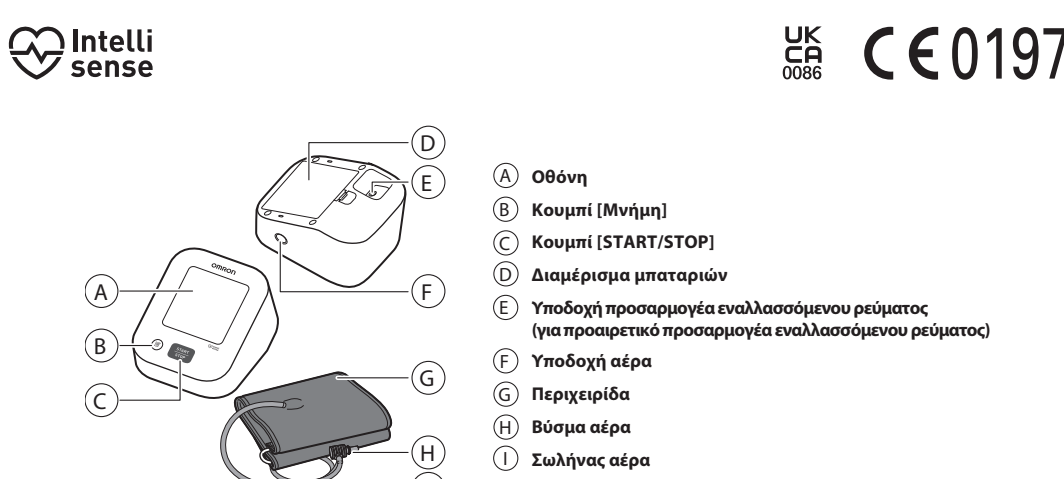
### M2+ (HEM-7188-LE)

### M2 Essential (HEM-7188-E)

Ελληνικά

## Εγχειρίδιο οδηγιών 1: Ασφάλεια και άλλες πληροφορίες

Για πληροφορίες για τα σύμβολα, ανατρέξτε στην ενότητα "Περιγραφή συμβόλων".



## Εισαγωγή

Σας ευχαριστούμε που αγοράσете το αυτόματο πεισόμετρο άνω βραχιόνια OMRON. Αυτό το πεισόμετρο χρησιμοποιεί την ταλαντομετρική μέθοδο μέτρησης της πίεσης του αίματος. Αυτό σημαίνει ότι το πεισόμετρο ανιχνεύει την κίνηση του αίματος στη βραχιόνια αρτηρία σας και μετατρέπει τις κινήσεις σε ψηφιακή τιμή.

### Οδηγίες ασφαλείας

Αυτό το εγχειρίδιο οδηγιών σας παρέχει σημαντικές πληροφορίες σχετικά με το αυτόματο πεισόμετρο άνω βραχιόνια OMRON. Για την εξασφάλιση της ασφαλείας και ορθής χρήσης αυτού του πεισόμετρου, διαβάστε και ΚΑΤΑΛΗΨΤΕ όλες αυτές τις οδηγίες. **Αν δεν κατανοείτε αυτές τις οδηγίες ή έχετε ερωτήσεις, επικοινωνήστε με το κατάστημα λιανικής ή τον μεταπωλητή της OMRON στην περιοχή σας προτού χρησιμοποιήσετε αυτό το πεισόμετρο. Για συγκεκριμένες πληροφορίες σχετικά με την ασφαλεία και άλλες συμβουλές, ανατρέξτε στο παρόν εγχειρίδιο.**

### Προαπαιτούμενη χρήση

**Προαπαιτούμενες σκέψεις**

Η συσκευή αυτή είναι ένα ηλεκτρικό πεισόμετρο που προορίζεται για χρήση στη μέτρηση της αρτηριακής πίεσης και της συχνότητας των σφυγμών σε ενήλικες ασθενείς. Η συσκευή ανιχνεύει την κίνηση του αίματος ακανόνιστο καρδιακό παλμό κατά τη διάρκεια της μέτρησης και την υποδεικνύει με ένα σύμβολο με το αποτέλεσμα της μέτρησης.

**Προαπαιτούμενες συνθήκες**

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**Προαπαιτούμενες συνθήκες**

Η συσκευή αυτή είναι ένα ηλεκτρ





