

Introduction

Thank you for purchasing the OMRON HEM-7130 Automatic Blood Pressure Monitor.

The OMRON HEM-7130 is a compact, fully automatic blood pressure monitor, operating on the oscillometric principle.

Intended Use This product is designed to measure the blood pressure and pulse rate of people within the range of the designated arm cuff, following the instructions in this instruction manual.

Please read this instruction manual thoroughly before using the unit. Please keep for future reference. For specific information about your own blood pressure, CONSULT YOUR DOCTOR.

Important Safety Information

Consult your doctor prior to using in pregnancy or if diagnosed with arrhythmia or arteriosclerosis. Please read this section carefully before using the unit.

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

General Usage: Do not use the device on the injured arm or the arm under medical treatment. Do not wrap the arm cuff on the arm while being on an intravenous drip or blood transfusion.

AC Adapter (optional Usage): Do not use the AC adapter if the unit or the power cord is damaged. Turn off the power and unplug the power cord immediately.

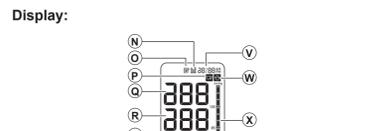
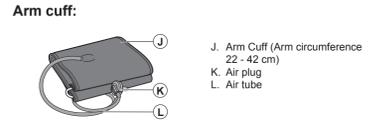
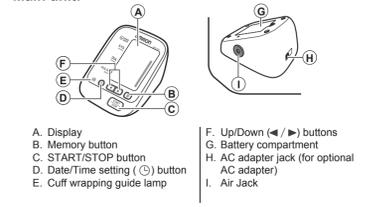
General Usage: Always consult your doctor. Self-diagnosis of measurement results and self-treatment are dangerous. People with severe blood flow problems, or blood disorders, should consult a doctor before using the unit.

Battery Usage: Do not insert the batteries with their polarities incorrectly aligned. Use only four "AA" alkaline or manganese batteries with this unit.

AC Adapter (optional Usage): Fully insert the power plug. When disconnecting the power plug, do not pull the power cord. Be sure to hold the power plug.

General Precautions: Do not forcibly bend the arm cuff or bend the air tube excessively. To unplug the air plug, pull on the air plug at the connection with the main unit, not the tube itself.

1. Overview



2. Preparation

2.1 Installing/Replacing the Batteries

- 1. Remove the battery cover. 2. Insert four "AA" batteries as indicated in the battery compartment and then replace the battery cover.

Notes: If the low battery symbol ( ) appears on the display, turn the monitor off then replace all batteries at the same time.

2.2 Setting the Date and Time

- 1. Press the button. 2. Set the monitor to the correct date and time before taking a measurement for the first time.

- 3. Press the START/STOP button to store the setting.

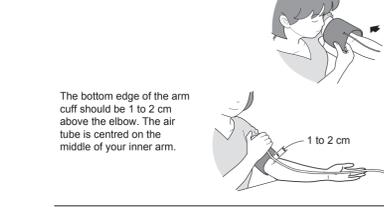
3. Using the Unit

3.1 Applying the Arm Cuff

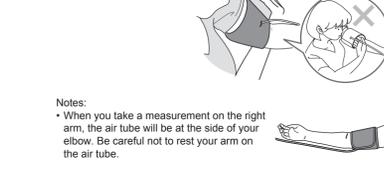
Remove tight-fitting clothing or tight rolled up sleeve from your upper arm. Do not place the arm cuff over thick clothes.

- 1. Insert the air plug into the air jack securely. 2. Remove the arm cuff. 3. Press the START/STOP button to turn the monitor off.

2. Put your arm through the cuff loop.



3. Close the fabric fastener FIRMLY.

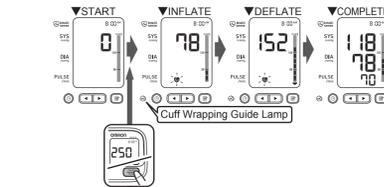


3.2 How to Sit Correctly

To take a measurement, you need to be relaxed and comfortably seated, under comfortable room temperature. No bathing, drinking alcohol or caffeine, smoking, exercising or eating 30 minutes before taking a measurement.

3.3 Taking a Reading

- 1. Press the START/STOP button. The arm cuff will start to inflate automatically.



If your systolic pressure is more than 210 mmHg After the arm cuff starts to inflate, press and hold the START/STOP button until the monitor inflates 30 to 40 mmHg higher than your expected systolic pressure.

Notes: The monitor will not inflate above 299 mmHg. Do not apply more pressure than necessary.

Always consult your doctor. Self-diagnosis of measurement results and self-treatment are dangerous.

Cuff Wrapping Guide Lamp: The cuff wrapping guide lamp ( ) lights in green, the cuff is correctly wrapped tightly enough on the arm and the reading is accurate and reliable.

- 2. Remove the arm cuff. 3. Press the START/STOP button to turn the monitor off. The monitor automatically stores the measurement in its memory.

Important: Recent research suggests that the following values can be used as a guide to high blood pressure for measurements taken at home.

Table with 2 columns: Blood Pressure Type and Value. Systolic Blood Pressure: Above 135 mmHg. Diastolic Blood Pressure: Above 85 mmHg.

Your blood pressure monitor includes an irregular heartbeat feature. Irregular heartbeats can influence the results of the measurement.

Using the Guest Mode The monitor stores measurement values for one user in the memory.

- 1. Press and hold the START/STOP button for more than 3 seconds. The date/time display will disappear. 2. Release the START/STOP button when the date/time display turns off.

3.4 Using the Memory Function

The monitor automatically stores the result up to 60 sets. It can also calculate an average reading based on the measurements from the last three readings taken within 10 minutes.

- 1. Press the button. The Memory number appears for a second before the pulse rate is displayed.

To View the Readings Stored in Memory: Press the button. The Memory number appears for a second before the pulse rate is displayed.

- 2. Press the left or right button to view the readings stored in memory.

To View the Average Value: Press and hold the button for more than 3 seconds.

- 1. Press and hold the button for more than 3 seconds.

To Delete All the Values Stored in Memory: When the memory symbol ( ) appears, first press the Memory button.

Notes: You cannot partially delete the stored readings.

4. Troubleshooting and Maintenance

4.1 The Icons and Error Messages

Table with 3 columns: Error Display, Cause, and Remedy. Includes entries for Irregular heartbeats, low batteries, exhausted batteries, air plug disconnected, arm cuff not applied, air leaking, movement during measurement, and device error.

4.2 Troubleshooting

Table with 3 columns: Problem, Cause, and Remedy. Includes entries for low readings, arm cuff pressure not rising, cuff wrapping guide lamp issues, cannot measure, nothing happens, and other problems.

4.3 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 inflate the arm cuff over 299 mmHg.



- The unit should be cleaned with a soft, dry cloth. Use a soft, moistened cloth and neutral soap to clean the arm cuff.

Note: Read and follow the "Correct Disposal of This Product" in the Technical Data Section when disposing of the device and any used accessories or optional parts.

Calibration and Service

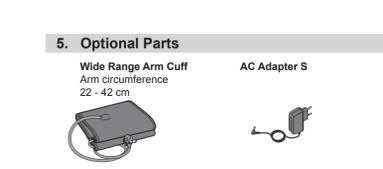
- The accuracy of this blood pressure monitor has been carefully tested and is designed for a long service life. It is generally recommended to have the unit inspected every two years to ensure correct functioning and accuracy.

4.4 Storage

- 1. Unplug the air plug from the air jack. 2. Gently fold the air tube into the arm cuff.

Notes: Do not bend the air tube excessively. 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 vapors, Locations exposed to vibrations, shocks or where it will be at an angle.

5. Optional Parts



Note: Please check with your local OMRON representatives for the appropriate optional part models.

Using the Optional AC Adapter

- 1. Insert the AC adapter plug into the AC adapter jack on the rear side of the main unit. 2. Plug the AC adapter into an electrical outlet.

To disconnect the AC adapter, unplug the AC adapter from the electrical outlet first and then remove the AC adapter plug from the main unit.

6. Technical Data

Table with 2 columns: Product Description and Technical Specifications. Includes details on model, display, accuracy, inflation/deflation, battery life, and applied part.

Operating temperature/Humidity: +10 to +40°C / 30 to 85% RH. Storage temperature/Humidity: -20 to +60°C / 10 to 95% RH.

Console Weight: Approx. 280g without batteries. Outer Dimensions: Approx. 107 (w) mm x 79 (h) mm x 141 (l) mm.

Note: Subject to technical modification without prior notice.

CE 0197

- 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.

Important Information regarding Electro Magnetic Compatibility (EMC)

With the increased number of electronic devices such as PC's and mobile (cellular) telephones, medical devices in use may be susceptible to electromagnetic interference from other devices.

In order to regulate the requirements for EMC (Electro Magnetic Compatibility) with the aim to prevent unsafe product situations, the EN60601-1-2:2007 standard has been implemented.

This medical device manufactured by OMRON HEALTHCARE conforms to this EN60601-1-2:2007 standard for both immunity and emissions.

Further documentation in accordance with EN60601-1-2:2007 is available at OMRON HEALTHCARE EUROPE at the address mentioned in this instruction manual.

Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

This marking shown on the product or its literature, indicates that it should not be disposed of, with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this product from other types of wastes and recycle it responsibly.

Table with 2 columns: Region and Manufacturer/Address. Includes entries for Manufacturer (OMRON HEALTHCARE Co., Ltd.), EC REP, Asia Pacific HQ, and Production facility.