1. Your Device

Contents:
- Monitor, arm cuff, instruction manual, quick start guide

Monitor:

Display:

2. Preparation

2.1 Battery Installation

1. Remove the battery cover.
2. Insert 4 AA batteries as indicated in the battery compartment.
3. 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. Long-life batteries are recommended.
- Dispose of the device, components, and optional accessories according to applicable local regulations. Unlawful disposal may cause environmental pollution.

3. Using the Device

3.1 Applying the Arm Cuff

Remove tight-fitting clothing or tight rolled-up sleeve from your left upper arm. Do not place the arm cuff over thick clothing.
1. Insert the air plug into the air jack securely.
2. Wrap the arm cuff firmly in place around your left upper arm.

3.2 How to Sit Correctly

To take a measurement, you need to be relaxed and comfortably seated, under comfortable room temperature. Avoid eating, drinking alcohol or coffee, smoking, exercising or eating 30 minutes before your measurement.
- Sit on a chair with your feet flat on the floor.
- Sit upright with your back straight.
- Sit with your back and arm being supported.
- The arm cuff should be placed on your arm at the same level as your heart.

3.3 Taking a Measurement

Notes:
- To stop a measurement, press the START/STOP button once to deflate the arm cuff.
- Remain still while taking a measurement.
1. Press the START/STOP button. The arm cuff will start to inflate automatically.
2. When the air pressure is more than 210 mmHg, press the START/STOP button to stop the measurement immediately.

3.4 Using the Memory Function

The memory automatically stores the results up to 14 sets. Note: If the memory is full, the monitor will delete the oldest data.

To View the Measurement Values Stored in Memory

1. Press the button.
The Memory number appears for a second before the memory display.

2. Press the button repeatedly to view the values stored in memory.

To Delete All the Values Stored in Memory

1. Press the button, while the memory symbol appears.
2. While holding the button down, press the button for more than 3 seconds.

Note: You cannot partially delete the values stored in memory.
4. Error Messages and Troubleshooting

4.1 Error Messages

<table>
<thead>
<tr>
<th>Error Display</th>
<th>Cause</th>
<th>Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Irregular heartbeat is detected</td>
<td></td>
<td>Replace the arm cuff. If this does not correct the problem, contact your physician.</td>
</tr>
<tr>
<td>Movement during measurement</td>
<td>Carefully read and repeat the steps in section 3.3.</td>
<td></td>
</tr>
<tr>
<td>The batteries are low</td>
<td>You should replace the batteries with new ones ahead of time. Refer to section 2.1.</td>
<td></td>
</tr>
<tr>
<td>The batteries are exhausted</td>
<td>You should replace the batteries with new ones ahead of time. Refer to section 2.1.</td>
<td></td>
</tr>
<tr>
<td>Air plug disconnected</td>
<td>Insert the plug securely. Refer to section 3.2.</td>
<td></td>
</tr>
<tr>
<td>Arm cuff is applied too loosely</td>
<td>Apply the arm cuff tightly. Refer to section 3.2.</td>
<td></td>
</tr>
<tr>
<td>Air is leaking from the arm cuff</td>
<td>Replace the arm cuff with a new one. Refer to section 5.3.</td>
<td></td>
</tr>
<tr>
<td>Movement during measurement</td>
<td>Repeat measurement. Refer to section 3.3.</td>
<td></td>
</tr>
<tr>
<td>The arm was inflected exceeding the maximum allowable pressure, and then deflated automatically when the arm cuff movement was recorded</td>
<td>Do not touch the arm cuff while the arm air is being taken. Do not inflate the arm cuff more than necessary. Refer to section 3.3.</td>
<td></td>
</tr>
<tr>
<td>Movement during measurement</td>
<td>Repeat measurement. Refer to section 3.3.</td>
<td></td>
</tr>
<tr>
<td>Clothing is interfering with the arm cuff</td>
<td>Remove any clothing interfering with the arm cuff. Refer to section 3.2.</td>
<td></td>
</tr>
<tr>
<td>Device error</td>
<td>Contact Customer Service.</td>
<td></td>
</tr>
</tbody>
</table>

5. Maintenance and Storage

5.1 Maintenance

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

- Store the device and the components in a clean, safe location.
- Do not use any abrasive or volatile cleansers.
- Do not wash the device and any accessories or immersible items in water.
- Do not use gasoline, thinners or similar solvents to clean the device.

5.2 Storage

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

Note: Do not bend or crease the arm tube excessively.

Do not store the device in the following situations:
- Exposed to extreme temperatures, humidity, direct sunlight, dust or corrosive vapors such as bleach.
- Exposed to vibrations, shocks or where it will be an arge.

5.3 Optional Medical Accessories

- Arm cuff
- Ankle circumference: 9” - 17” (22 - 43 cm)

6. Specifications

- Model: SP7070 (HEM-7212-2)
- Display: LCD digital display
- Measurement range: Pressure: 0 to 300 mmHg/0 to 30 kPa
- Accuracy: Pressure: ± 2 mmHg/± 0.5% of reading
- Measurement: Fuzzy logic controlled by electric pump
- Display method: Automatic pressure release valve
- Measurement method: Fuzzy logic control method
- Classification: I
- Power source: 4.5V battery: 2 x AA
- Battery life: Approximately 100 measurements (using new batteries)
- Dimensions: 203mm x 30mm x 39mm (8 3/8” x 1 1/8” x 1 1/2”)
- Weight: 220g (7.7 oz)
- Air cuff: Arm cuff
- Cuff circumference: 9” to 17” (22 - 43 cm)
- Mercury: Up to 14

7. FCC Statement

FCC CAUTION

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note:

- The equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and off, the user is encouraged to try to correct the interference by one or more of the following measures:
  - Reorient or relocate the receiving antenna.
  - Increase the separation between the equipment and receiver.
  - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
  - Consult the dealer or an experienced radio/TV technician for help.

8. Limited Warranty

Your SP7070 Automatic Blood Pressure Monitor, excluding the arm cuff, is warranted to be free of defects in materials and workmanship appearing within 1 year from the date of purchase. The arm cuff is warranted to be free of defects in materials and workmanship appearing within 1 year from the date of purchase when the monitor is used in accordance with the instructions provided with the monitor. The monitor warranty extends only to the original retail purchaser. We will, at our option, replace or repair without charge any monitor or arm cuff covered by the above warranty. Replacement is our only responsibility and your only remedy under the above warranty.

To obtain warranty service contact Customer Service by calling 1-866-434-4310 for the address of the inspection center and the return shipping and handling fee. Enclose the original printed receipt. Include a letter, with your name, address, phone number, and description of the specific problem. Pack the product carefully to prevent damage in transit. Because of possible loss in transit, we recommend that the product be shipped with return receipt requested.

The FOREGOING IS THE SOLE WARRANTY PROVIDED BY OMRON IN CONNECTION WITH THIS PRODUCT, AND OMRON HEREBY DISCLAIMS ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN THE EVENT OF ANY IMPLIED WARRANTIES THAT MAY BE IMPLIED BY LAW, ANY IMPLIED WARRANTIES OTHER THAN THOSE STATED ABOVE WILL BE DISCLAIMED AND WILL NOT EXIST. OMRON SHALL NOT BE LIABLE FOR LOSS OF USE OR ANY OTHER SPECIAL, INCIDENTAL, CONSEQUENTIAL, OR INDIRECT COSTS, EXPENSES OR DAMAGES.

This warranty provides you with specific legal rights, and you may have other rights that vary by jurisdiction. Because of special local requirements, some of the above limitations and exclusions may not apply to you.

FOR CUSTOMER SERVICE
Visit our web site at:
www.omronhealthcare.com
Call toll free:
1-800-563-4350

9. Guidance and Manufacturer's Declaration

OMRON Automatic Blood Pressure Monitor Certification of Conformity Suitable for the purpose of IEC 60601-1:2007

- Manufacturer: OMRON HEALTHCARE Co., Ltd.
- Model: SP7070
- Equipment marked with the mark of conformity applies to the frequency range from 45 Hz to 1000 Hz, as specified by the mark of conformity.
- The device is designed and manufactured to meet the requirements of the following standards:
  - IEC 60601-1:2007
  - IEC 60601-1-2:2007

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Distributed by:
OMRON HEALTHCARE, Inc.
535 Corvette Way, Middletown, KY 40042 U.S.A.

www.omronhealthcare.com

Made in Vietnam

Note:

- The device is intended for use as a patient monitor in a medical environment. The arm cuff may not be suitable for use with all types of patients. The arm cuff should be used with caution on patients with a higher-than-normal blood pressure. These guidelines may not apply to all devices. Electromagnetic propagation is affected by absorption and reflection from structures, objects, and people.