

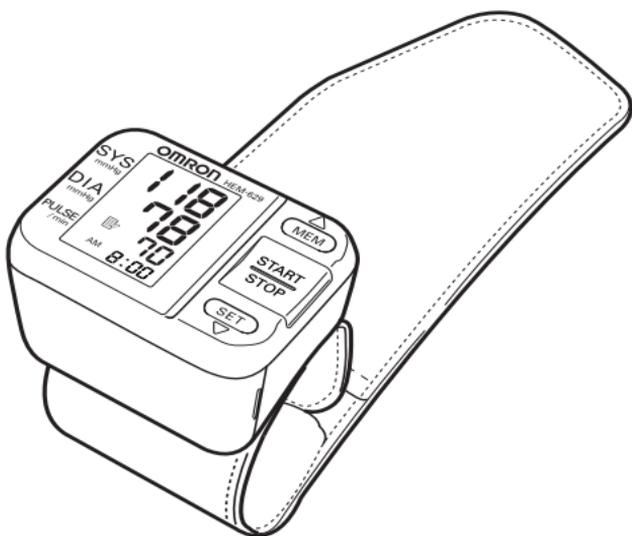
OMRON®

Instruction Manual

Automatic Wrist Blood Pressure Monitor

with  *Intelli*
sense®

Model **HEM-629**



ESPAÑOL

ENGLISH

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INTRODUCTION

Thank you for purchasing the Omron® HEM-629 IntelliSense® Automatic Wrist Blood Pressure Monitor.

Fill-in for future reference

DATE PURCHASED: _____

SERIAL NUMBER: _____

Staple your purchase receipt here.

The monitor is compact and easy-to-use at home, at work, and during travel. Perfect for people who frequently monitor their own blood pressure.

Omron digital blood pressure monitors use the oscillometric method of blood pressure measurement. This means the monitor detects your blood's movement through your artery and converts the movements into a digital reading. An oscillometric monitor does not need a stethoscope so the monitor is simple to use.

Clinical research has proven a direct relationship between blood pressure in the wrist and blood pressure in the arm. Changes in wrist blood pressure reflect changes in arm blood pressure because the arteries in the wrist and the arm are close to each other. Frequently measuring the blood pressure in your wrist will provide your physician with an accurate indication of changes in your blood pressure.

The Omron® HEM-629 IntelliSense® Automatic Wrist Blood Pressure Monitor is intended for home use.

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY NOTES

To assure the correct use of the product basic safety measures should always be followed including the precautions listed below:

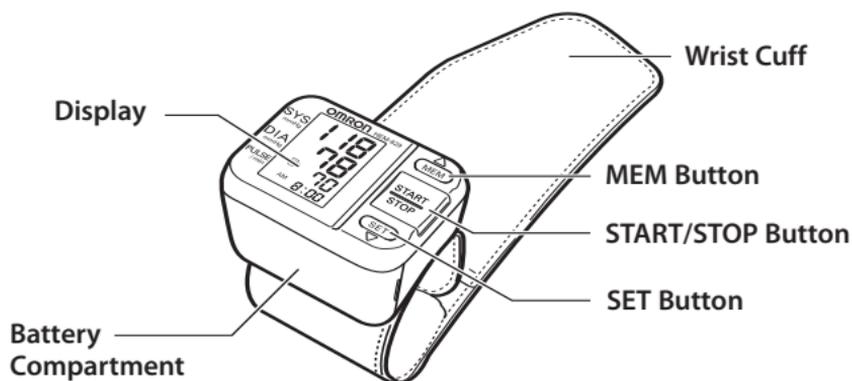
- ☑ Consult your physician before measuring blood pressure at the wrist if you have any of the following conditions: severe hypertension, severe diabetes, severe arteriosclerosis, severe kidney disease, or vascular disease that may compromise circulation.
- ☑ Read all information in the instruction book and any other literature included in the box before using the unit.
- ☑ Contact your physician for specific information about your blood pressure. Follow the instructions of your healthcare provider.
- ☑ Operate the unit only as intended. Do not use for any other purpose.
- ☑ The unit is intended for use in measuring blood pressure and pulse rate in adult patient population. Do not use on infants or persons who cannot express their intentions.
- ☑ Do not use a cellular phone near the unit. It may result in operational failure.
- ☑ Changes or modifications not approved by Omron Healthcare will void the user warranty. Do not disassemble or attempt to repair the unit or components.

BEFORE TAKING A MEASUREMENT

1. Avoid eating, drinking alcohol, smoking, exercising and bathing for 30 minutes before taking a measurement. Rest for at least 15 minutes before taking the measurement.
2. Stress raises blood pressure. Avoid taking measurements during stressful times.
3. The cuff can be applied to your left or right wrist.
4. Measurements should be taken in a quiet place.
5. Position the unit at heart level throughout the measurement.
6. Remain still and do not talk during the measurement.
7. Keep a record of your blood pressure and pulse readings for your physician. A single measurement does not provide an accurate indication of your true blood pressure. You need to take and record several readings over a period of time. Try to measure your blood pressure at the same time each day for consistency.
8. Wait 2-3 minutes between measurements. The wait time allows the arteries to return to the condition prior to taking the blood pressure measurement. You may need to increase the wait time depending on your individual physiological characteristics.

KNOW YOUR UNIT

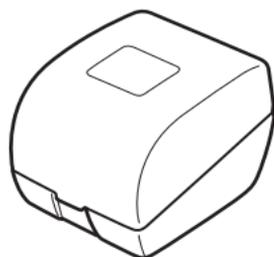
Main Unit



Components

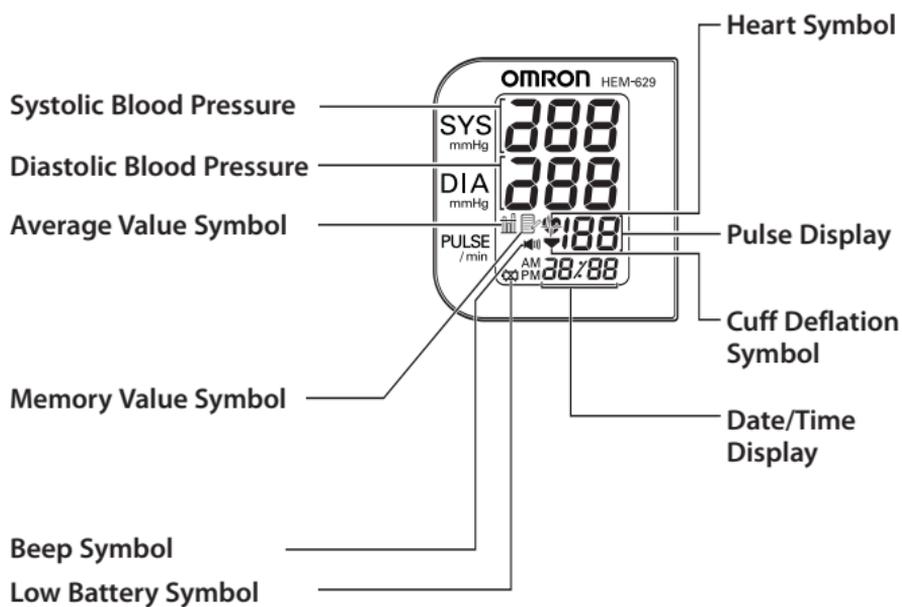


Two "AAA" Alkaline Batteries



Storage Case

UNIT DISPLAY

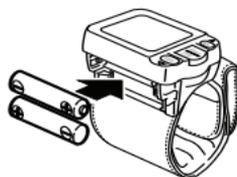


BATTERY INSTALLATION

1. Press both sides of the battery cover and lift the cover off in the direction of the arrow.

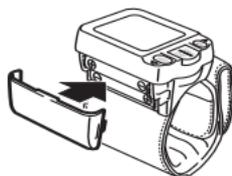


2. Install 2 “AAA” size batteries so the + (positive) and - (negative) polarities match the polarities of the battery compartment as indicated.



3. Replace the Battery Cover.

Make sure the battery cover is securely in place.



BATTERY REPLACEMENT



Low Battery Symbol

When the Low Battery Symbol appears on the display screen remove all the batteries. Replace with two new batteries at the same time. When the Low Battery Symbol blinks a brief period of usage remains. Long life alkaline batteries are recommended.

NOTES:

- Measurement values stored in the memory will not be deleted during battery replacement.
- After replacing the batteries, reset the date and time. Refer to page 9, Setting the Date and Time.
- Dispose of batteries according to applicable local regulations.

SETTING THE BEEP SYMBOL

The Blood Pressure Monitor automatically stores up to 60 measurement values with the date and time. The monitor also calculates an average reading based on the last three measurements taken within 10 minutes of the last reading.

NOTE:

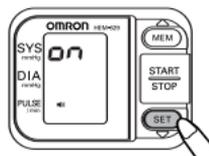
- If only two readings are stored in the memory for the 10-minute period, the average is based on the two readings.
- If one reading is stored in the memory for the 10-minute period, this reading is displayed as the average.

1. Press the SET button.

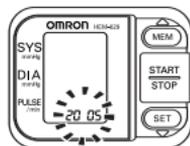
The Beep Symbol “on”/ “oFF” will appear.

Press the MEM button to adjust.

Press SET button to set mode.



The year flashes on the display.



SETTING THE DATE AND TIME

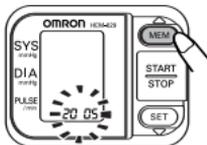
Set the monitor to the current date and time before taking a measurement for the first time. If the current date and time is not set, a default date and time will display.

2. SETTING THE YEAR

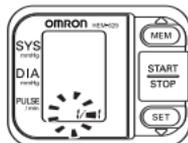
The year can be set between 2005 and 2030. When the display reaches 2030, it will return to 2005.

Press the MEM button to advance by increments of one year.

Press the SET button to set the current year.



The month flashes on the display.



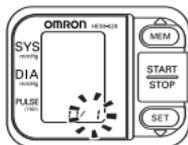
NOTE:

- Press and hold the MEM button to increase the values faster.

3. SETTING THE MONTH

Press the MEM button to advance by increments of one month.
Press the SET button to set the current month.

The day flashes on the display.

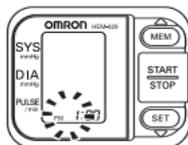


SETTING THE DATE AND TIME

4. SETTING THE DAY

Press the MEM button to advance by increments of one day.
Press the SET button to set the current day.

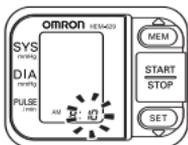
The hour flashes on the display.



5. SETTING THE HOUR

The time is set using AM or PM.
Press the MEM button to advance by increments of one hour.
Press the SET button to set the current hour.

The minutes flash on the display.



6. SETTING THE MINUTE

Press the MEM button to advance by increments of one minute.
Press the SET button to set the current minute.

The Beep Symbol “on” or “oFF”
appears on the display.



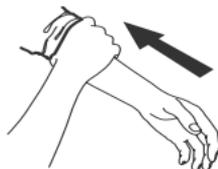
7. Press the **START/STOP** button to turn the display off.

APPLYING THE WRIST CUFF

Wrapping the wrist cuff is one of the most important points for taking a correct measurement.

APPLYING THE CUFF ON THE LEFT WRIST

1. Roll up sleeve. Make sure your sleeve is not rolled up too tightly on your arm. This may constrict the flow of blood in your arm.
2. Wrap the cuff directly against your skin. Do not apply over clothing. Place the cuff over your left wrist with your left thumb facing upward.
3. Position the cuff leaving a clearance of approximately 1/2 to 1 inch between the cuff and the bottom of your palm.



4. Hold the bottom part of the cuff and wrap it around the wrist so it fits comfortably and securely around your wrist.



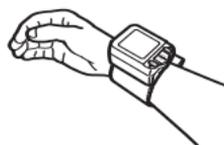
NOTE: Make sure the wrist cuff does not cover the protruding part of the wrist bone on the outside of the wrist.

5. Fold the remaining part of the wrist cuff back out of the way.



APPLYING THE CUFF ON THE RIGHT WRIST

When taking a measurement using the right wrist position the cuff as shown in the illustration.



TAKING A MEASUREMENT

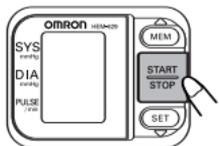
1. Sit comfortably in a chair with your feet flat on the floor.



2. Hold your arm across your chest at heart level.
Hold your elbow firmly to avoid body movement.
Sit still and do not talk or move during the measurement.



3. Press the **START/STOP** button.



All display symbols appear on the screen.

The cuff starts to inflate automatically.

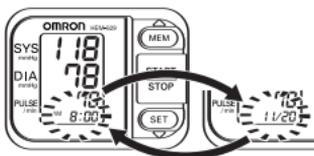
Hold the monitor at heart level until the measurement is complete.

During measurement, the monitor (if set to “on”) will beep in rhythm with your heart beat.

NOTE: To stop the inflation or measurement, push the **START/STOP** button. The monitor will stop inflating, start deflating, and will turn off.

TAKING A MEASUREMENT

- After the monitor has detected your blood pressure and pulse rate, a beep will sound and the cuff automatically deflates. Your blood pressure and pulse rate are displayed.

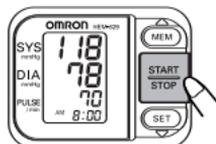


Alternating Display

NOTES:

- The time and date of the measurement are displayed alternately.
- A final 3 beeps will sound when measurement is complete.

- Press the **START/STOP** button to turn the monitor off.



NOTE: The monitor will automatically turn off after two minutes.

USING THE MEMORY FUNCTION

Every time you complete a measurement the monitor stores the blood pressure and pulse rate in the memory. The Blood Pressure Monitor automatically stores up to 60 measurement values. When 60 sets of measurement values are stored in the memory, the oldest record is deleted to save the most recent measurement values.

AVERAGING FUNCTION

The monitor also calculates an average reading based on the values of the three most recent measurements that were taken within 10 minutes of the most recent reading.

NOTE:

- If only two readings are stored in the memory for the 10-minute period, the average is based on the two readings.
- If one reading is stored in the memory for the 10-minute period, this reading is displayed as the average.

If the date and time is not set, the measurement values and the average value will not be stored in the memory correctly.

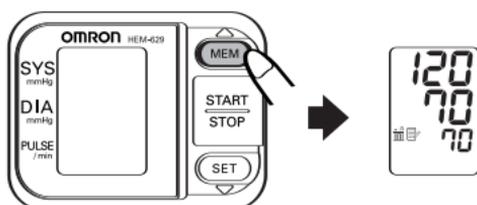
TO DISPLAY THE AVERAGE VALUE



Average Value Symbol

1. Press the MEM button.

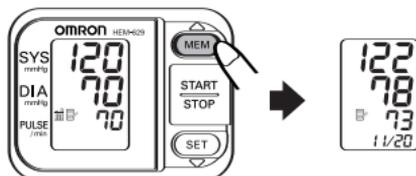
The average value symbol will display on the screen with the average reading.



USING THE MEMORY FUNCTION

TO DISPLAY THE MEASUREMENT VALUES

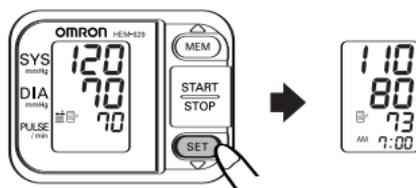
1. **Press the MEM button** to display the measurement values stored in the memory beginning with the most recent values to the oldest values.



NOTES:

- The date and time are alternately displayed.
- Press the button repeatedly to display the next values.
- Press and hold the button to display the values faster.

Press the SET button to display the measurement values beginning with the oldest values to the most recent values.



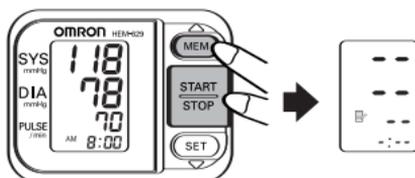
2. **Press the START/STOP button** to turn the power off.

TO DELETE ALL VALUES STORED IN THE MEMORY

You cannot partially delete records stored in the memory.

All records will be deleted.

1. **Press and hold the MEM button and START/STOP button** simultaneously for more than 2 seconds



CARE AND MAINTENANCE

To keep your digital blood pressure monitor in the best condition and protect the unit from damage follow the directions listed below:

Clean the monitor with a soft dry cloth. Do not use any abrasive or volatile cleaners. Do not attempt to clean the cuff. Never immerse the monitor or any components in water.

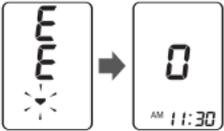
Store the monitor in a safe and dry location. Do not fold the cuff tightly. Do not subject the monitor to extreme hot or cold temperatures, humidity and direct sunlight.

Avoid subjecting the monitor to strong shocks, such as dropping the unit on the floor.

Remove the batteries if the unit will not be used for three months or longer. Always replace all the batteries with new ones at the same time.

Use the unit consistent with the instruction provided in this manual. Use only authorized parts and accessories.

ERROR INDICATORS

| SYMBOL | CAUSE | CORRECTION |
|---|--|---|
|  | <p>Movement during measurement.</p> | <p>Press the START/STOP button to turn the unit off. Remove the monitor from your wrist. Refer to “Taking a Measurement” on page 13.</p> <p>Wait 2-3 minutes. Take another measurement.</p> |
|  | <p>The cuff is not wrapped securely.</p> | <p>Remove the monitor from your wrist. Read, “Applying the Wrist Cuff” on Page 12.</p> <p>Wait 2-3 minutes. Take another measurement.</p> |
|  <p>Blinks or lights</p> | <p>Batteries are worn.</p> | <p>Replace the two “AAA” batteries. Refer to page 8 for battery installation.</p> |
|  | <p>Cuff over-inflated.</p> | <p>Remove the monitor from your wrist. Read, “Applying the Wrist Cuff” on Page 12.</p> <p>Wait 2-3 minutes. Take another measurement.</p> |
|  | <p>Abnormal unit function.</p> | <p>Repair Service Required. Refer to Warranty Information on page 21.</p> |

TROUBLESHOOTING TIPS

| PROBLEM | CAUSE |
|---|--|
| No power. No display appears on the unit. | Replace worn batteries. Check the battery installation for proper placement of the battery polarities. |
| Measurements values appear too high or too low. | Blood pressure varies constantly. Many factors including stress, time of day, how you wrap the cuff, may affect your blood pressure. Review the sections “Before Taking a Measurement” and “Taking a Measurement”. |

FCC STATEMENT

NOTE:

POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for U.S.A. only) This product 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. The product 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 the product does cause harmful interference to radio or television reception, which can be determined by turning the product 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 product and the receiver.
- Connect the product 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.

POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for Canada only)

This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standard entitled “Digital Apparatus”, ICES-003 of the Canadian Department of Communications. Cet appareil numérique respecte les limites de bruits radioélectriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: “Appareils Numériques”, ICES-003 édictée par le ministre des communications.

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

WARRANTY INFORMATION

Your HEM-629 IntelliSense® Automatic Blood Pressure Monitor, excluding the monitor cuff, is warranted to be free from defects in materials and workmanship appearing within 5 years from the date of purchase, when used in accordance with the instructions provided with the monitor. The monitor cuff is warranted to be free from defects in materials and workmanship appearing within one year from the date of purchase when the monitor is used in accordance with the instructions provided with the monitor. The above warranties extend only to the original retail purchaser.

We will, at our option, repair or replace without charge any monitor or monitor cuff covered by the above warranties. Repair or replacement is our only responsibility and your only remedy under the above warranties.

Enclose the Proof of Purchase. 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 insuring the product with return receipt requested.

ALL IMPLIED WARRANTIES, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, ARE LIMITED TO THE DURATION OF THE APPLICABLE WRITTEN WARRANTY ABOVE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

OMRON SHALL NOT BE LIABLE FOR LOSS OF USE OR ANY OTHER INCIDENTAL, CONSEQUENTIAL OR INDIRECT COSTS, EXPENSES OR DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusions may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which may vary from state to state.

FOR CUSTOMER SERVICE (U.S. & Canada):

Visit our website:

www.omronhealthcare.com

Call toll free:

1-800-634-4350

SPECIFICATIONS

| | |
|--|--|
| Name: | OMRON Automatic Wrist Blood Pressure Monitor |
| Model: | HEM-629 |
| Display: | Digital Display |
| Measurement: | Oscillometric method |
| Measurement Range: | Pressure: 0 to 299 mmHg Pulse: 40 to 180 beats/min |
| Memory: | 60 measurements with date and time |
| Accuracy: | Pressure: Within ± 3 mmHg Pulse rate: Within $\pm 5\%$ of reading |
| Inflation: | Automatic inflation by electric pump |
| Deflation: | Automatic rapid deflation |
| Pressure Detection: | Electrostatic capacity pressure sensor |
| Power supply: | Two AAA batteries |
| Battery Life: | Approximately 300 measurements when using alkaline batteries at the room temperature of 73°F (23°C) and by using three times a day and inflating to 170 mmHg |
| Operating Temperature and Humidity: | 50°F to 104°F (10°C to 40°C), 30 to 85% RH |
| Storage Temperature and Humidity: | -4°F to 140°F (-20°C to 60°C), 10 to 95% RH |
| Weight of Main Unit: | Approximately 120 g (not including batteries) |
| External Dimensions: | 2 7/8" (w) \times 2 1/4" (h) \times 1 3/4" (d) (72 mm \times 56 mm \times 44 mm) (not including the wrist cuff) |
| Measurable circumference of wrist: | Approximately 5 1/4" to 8 1/2" (13.5 to 21.5 cm) |
| Electric Shock Protection: | Internal power supply appliance type B |
| Contents: | Storage case, two AAA alkaline batteries, Main Unit, Instruction manual |
| UPC: | 0 73796 00629 7 |

These specifications, to improve performance, are subject to change without notice.



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