

Introduction

Thank you for purchasing the OMRON M2 Classic Digital Automatic Blood Pressure Monitor.

The OMRON M2 Classic is a fully automatic blood pressure monitor, operating on the oscillometric principle. It measures your blood pressure and pulse rate simply and quickly. For comfortable controlled inflation without the need of pressure pre-setting or re-inflation the device uses its advanced "IntelliSense" technology.

The unit also stores up to 30 measurements in memory.

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. It is mainly designed for general household use. Please read the Important Safety Information in this instruction manual before using the unit.

Please read this instruction manual thoroughly before using the unit. 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)

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

Persons with heart block flow problems, or blood disorders, should consult a doctor before using the unit, as cuff inflation can cause internal bleeding. (AC Adapter Usage)

Never plug in or unplug the power cord from the electric outlet with wet hands. (Battery Usage)

If battery fluid should get in your eyes, immediately rinse with plenty of clean water. Consult a doctor immediately.

Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury to the user or patient or damage to the equipment or other property. (General Usage)

Do not leave the unit unattended with infants or persons who cannot express their consent.

Do not use the unit for any purpose other than measuring blood pressure.

Use only the original AC adapter designed for this unit. Use of unsupported adapters may damage the unit.

Make sure that the air tube is not wrapped around other parts of your body when taking measurements at night. This could result in injury when the air pressure in the air tube is increased.

Do not leave the cuff wrapped on the arm if taking measurements during the day. Do not inflate the arm cuff over 299 mmHg.

Do not use a mobile phone or other devices that emit electromagnetic fields, near the unit. This may result in incorrect operation of the unit.

Do not operate the unit in a moving vehicle (car, airplane).

To inflate the cuff manually, refer to Chapter 3.3. If the cuff is over inflated, it can cause internal bleeding.

(AC Adapter Usage)

Use only the original AC adapter designed for this unit. Use of unsupported adapters may damage and/or be hazardous to the unit.

Plug the AC adapter into the appropriate voltage outlet.

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. (Battery Usage)

If the batteries should get on your skin or clothing, immediately rinse with plenty of clean water.

Use only four "AAA" alkaline batteries with this unit. Do not use other types of batteries.

Do not insert the batteries with their polarities incorrectly aligned.

Replace old batteries with new ones immediately. Replace all four batteries at the same time.

Do not use new and used batteries together.

General Precautions

Do not apply strong shocks and vibrations to or drop the unit and arm cuff.

Do not take measurements after bathing, drinking alcohol, smoking, exercising or eating.

Do not forcibly bend the arm cuff or bend the air tube excessively.

When removing the air tube, pull on the air plug at the connection with the main unit.

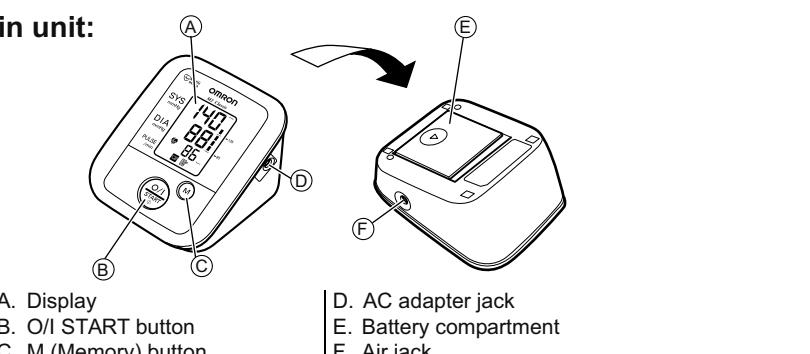
Do not inflate the arm cuff when it is not wrapped around your arm.

Do not wash the cuff or immerse it in water.

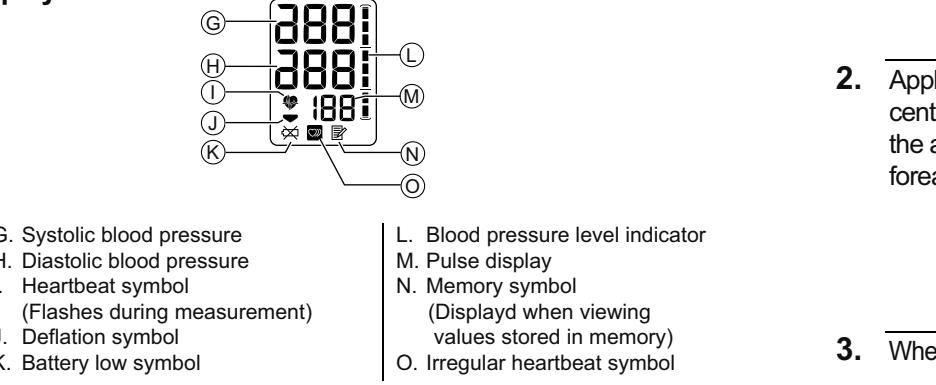
Read and follow the "Important Information regarding Electro Magnetic Compatibility (EMC)" in the Technical Data Section.

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.

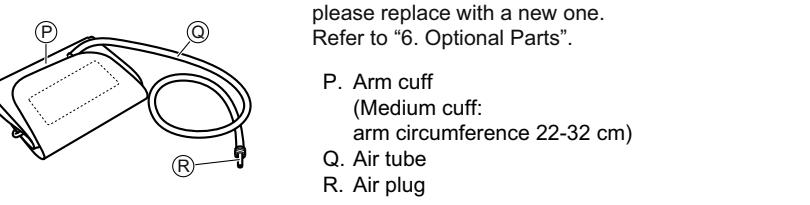
1. Overview



Display:



Arm cuff:



2. Preparation

2.1 Using the AC Adapter

Notes:

- Never plug or unplug the power cord with wet hands.
- Use only the original AC adapter designed for this unit. Use of unsupported adapters may damage the unit.

1. Insert the AC adapter plug into the AC adapter jack on the right 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 immediately remove the AC adapter plug from the main unit.

2.2 Installing/Replacing the Batteries

1. Turn the main unit upside down.

2. Slide the battery cover in the direction of the arrow while pressing the ribbed part of the cover.

3. Install or replace four "AAA" size batteries so that the + (positive) and - (negative) polarities match the polarities indicated on the battery compartment.

4. Put the battery cover back in place. Slide the battery cover as indicated, until it clicks into place.

Note: The measurement values continue to be stored in memory even after the batteries are replaced.

This criteria is for home blood pressure measurement.

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

The irregular heartbeat algorithm automatically determines if the measurement is usable or needs to be repeated. If the measurement results are affected by irregular heartbeats but the result is valid, the result is shown together with the irregular heartbeat symbol (■).

If the irregular heartbeats cause the measurement to be invalid, no result is shown. If the irregular heartbeat symbol (■) is shown after you have taken a measurement, repeat the measurement. If the irregular heartbeat symbol (■) is shown frequently, please make your doctor aware of it.

4. Remove the arm cuff.

5. Press the O/I START button to turn the unit off.

Note: If you forget to turn the unit off, it will automatically shut itself off after five minutes.

Battery Life & Replacement

If the battery low symbol (■) appears on the display, replace all four batteries at the same time.

- When the battery low symbol (■) starts to blink, you will still be able to use the unit for a short while. You should replace the batteries with new ones as soon as possible.

- When the symbol (■) remains lit, the batteries are exhausted. You should replace the batteries with new ones at once. Turn the unit off before replacing the batteries.

- Remove the batteries if the unit will not be used for three months or more.

- Dispose of batteries according to applicable local regulations.

Four new "AAA" alkaline batteries will last for approximately 300 measurements, when used to take two measurements a day.

Since the supplied batteries are for monitoring use only, they may have a shorter life and do not last for 300 measurements.

Section when disposing of the device and any used accessories or optional parts.

3. Using the Unit

3.1 Applying the Arm Cuff

Be sure to wrap the arm cuff correctly so that you get accurate results. Measurements can be taken in light clothing. However, please remove thick clothes, such as sweaters, before taking a reading.

Note: You can take a measurement on either your left or right arm. The blood pressure can differ between the right arm and the left arm and therefore also the measured blood pressure values can be different. OMRON recommends to always use the same arm for measurement. If the values between the two arms differ substantially, please check with your physician which arm to use for your measurement.

1. Insert the air plug into the air jack on the left side of the main unit.



2. Apply the arm cuff to your upper arm. The air tube should be centred on the inside of your arm and point down the inside of the arm, so that the air tube runs down the inside of your forearm and is in line with your middle finger.



3. When the cuff is positioned correctly, close the fabric fastener firmly.

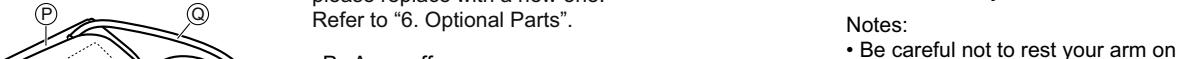
Taking a Reading on the Right Arm

Apply the cuff so that the air tube is at the side of your elbow.

Notes:

- Be careful not to rest your arm on the air tube, or otherwise restrict the flow of air to the cuff.
- The cuff should be 1 to 2 cm above the elbow.

4. Press the O/I START button to turn the unit on.



5. Sit on a chair with your feet flat on the floor and place your arm on a table so that the arm cuff will be at the same level as your heart.

Keep still and do not talk during measurement.

6. Release the O/I START button when the cuff has been inflated to the desired pressure.

The cuff starts to deflate and measurement starts.

7. The rest of the procedure is the same as for normal measurement. Refer to "3.2 Taking a Reading", steps 3 to 5.

Note: Do not apply more pressure than necessary.

8. Press the Memory (M) button.

The result from the most recent measurement is displayed.

Note: To cancel a measurement, press the O/I START button to turn the unit off and to release the air in the arm cuff.

9. Check the measurement results.

The unit automatically stores blood pressure and pulse rate into its memory.

Refer to "3.4 Using the Memory Function".

Notes:

- Self-diagnosis of measured results and treatment are dangerous. Please follow the instructions of your doctor.
- Wait 2-3 minutes before taking another blood pressure reading. Waiting between readings allows the arteries to return to the condition prior to taking the blood pressure measurement.

Important:

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

10. Put the battery cover back in place. Slide the battery cover as indicated, until it clicks into place.

Note: The measurement values continue to be stored in memory even after the batteries are replaced.

This criteria is for home blood pressure measurement.

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If the irregular heartbeats cause the measurement to be invalid, no result is shown. If the irregular heartbeat symbol (■) is shown after you have taken a measurement, repeat the measurement. If the irregular heartbeat symbol (■) is shown frequently, please make your doctor aware of it.

11. Turn the main unit upside down.

12. Slide the battery cover in the direction of the arrow while pressing the ribbed part of the cover.

13. Install or replace four "AAA" size batteries so that the + (positive) and - (negative) polarities match the polarities indicated on the battery compartment.

14. Put the battery cover back in place. Slide the battery cover as indicated, until it clicks into place.

Note: The measurement values continue to be stored in memory even after the batteries are replaced.

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15. Remove the arm cuff.

16. Press the O/I START button to turn the unit off.

Note: If you forget to turn the unit off, it will automatically shut itself off after five minutes.

17. Turn the main unit right side up.

18. Slide the battery cover in the direction of the arrow while pressing the ribbed part of the cover.

19. Install or replace four "AAA" size batteries so that the + (positive) and - (negative) polarities match the polarities indicated on the battery compartment.

20. Put the battery cover back in place. Slide the battery cover as indicated, until it clicks into place.

Note: The measurement values continue to be stored in memory even after the batteries are replaced.

This criteria is for home blood pressure measurement.

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21. Remove the arm cuff.

22. Press the O/I START button to turn the unit off.



Измеритель артериального давления и частоты пульса автоматический
(с сетевым адаптером)
Модель M2 Classic
РУКОВОДСТВО ПО ЭКСПЛУАТАЦИИ

Введение

Благодарим Вас за приобретение цифрового автоматического тонометра OMRON M2 Classic.

OMRON M2 Classic – это полностью автоматический тонометр, работающий на основе осциллометрического метода. Он легко и быстро измеряет артериальное давление и частоту пульса.

Кроме того, прибор сохраняет в памяти до 30 результатов измерений.

Назначение
Прибор предназначен для измерения артериального давления и частоты пульса у людей с соответствующей данной манжетой длиной окружности плеча и при условии выполнения инструкций в этом руководстве.

Рекомендуется преимущественно для использования в домашних условиях. Перед началом использования устройства просим пропитать раздел настоящего руководства по эксплуатации «Важная информация по технике безопасности».

Пожалуйста, перед тем как использовать прибор, внимательно прочтите данное руководство. ПРОСКОНСУЛЬТИРУЙТЕСЬ С ЛЕЧАЩИМ ВРАЧОМ относительно конкретных значений Вашего артериального давления.

Важная информация по технике безопасности

Прежде чем использовать прибор во время беременности, при аритмии или атеросклерозе, проконсультируйтесь с врачом. Внимательно прочтите данный раздел перед использованием прибора.

• А предупреждение! Обозначает потенциально опасную ситуацию, которая может привести к смерти или тяжелым травмам.

• Общее использование:

– всегда консультируйтесь с врачом. Самостоятельная постановка диагноза на основе результатов измерений и самолечения опасны.

– Людям с серьезными нарушениями кровообращения или болезнями крови перед использованием прибора необходимо проконсультироваться с врачом. Несоблюдение правил работы в манжете может привести к внутреннему кровотечению.

(Использование адаптера переменного тока)
– Запрещается вставлять сетевой шнур в розетку и вынимать его мокрыми руками.

(Использование батареи)
– При попадании в глаза электролита из батареи немедленно промойте их большим количеством чистой воды. Как можно скорее обратитесь к врачу.

• Внимание!
– Обозначает потенциально опасную ситуацию, которая может привести к травмам или средней тяжести, а также к повреждению оборудования или другого имущества.

(Использование)
– Не оставляйте прибор без присмотра в присутствии детей или лиц, не отвечающих за свои действия.

– Используйте прибор только для измерения артериального давления. Не разбрайте прибор и манжету.

– Используйте только предназначенный для данного прибора манжету. Использование других манжет может привести к некорректным результатам измерений.

– Не оставляйте измерения воздушной трубки вокруг частей тела при проведении измерений. Это может привести к травмам при повышении давления в воздушной трубке.

– Не оставляйте манжету на руке, если Вы измеряете давление ночью. Это может привести к травмам.

– Не накачивайте воздух в манжете выше 299 мм рт. ст. Не попытайтесь ридом с прибором сотовым телефоном или другими устройствами, которые излучают электромагнитные волны. Это может привести к неправильной работе прибора.

– Не используйте прибор в движущемся транспортном средстве (автомобилем, самолетом).

– Сведения о нагнетании воздуха в манжете в ручном режиме см. в главе 3.3. Более высокое давление в манжете может привести к внутреннему кровотечению.

(Использование адаптера переменного тока)
– Используйте только оригинальный адаптер переменного тока, предназначенный для данного устройства. При работе с другими адаптерами возможно повреждение или выход устройства из строя.

– Включите адаптер переменного тока в розетку в соответствии с направлением.

– Не пользуйтесь адаптером переменного тока при повреждении устройства сетевого блока. Немедленно отключите питание и выньте из розетки.

(Использование батареи)
– При попадании электролита из батареи на кожу или одежду немедленно промойте их большим количеством чистой воды.

– Используйте в приборе только четыре щелочные батареи типа «AAA».

– Не используйте батареи другого типа.

– При установке батареи обязательно соблюдать полярность. Используйте старые батареи. Замените все четыре батареи одновременно.

– Если Вы не собираетесь использовать прибор в течение трех или более месяцев, выньте батареи.

– Не используйте новые и старые батареи вместе.

Общие меры предосторожности

– Не подвергайте прибор и манжету сильным ударам или вибрациям, не наносящим вреда.

– Не вытирайте прибором после покупания, приема алкоголя, курения, выполнения физических упражнений или приема пищи.

– Не сгибайте манжету с усилием, и не перегибайте воздушную трубку.

– При снятии воздушной трубки следует тянуть за пластмассовый штекер в месте соединения с электронным блоком, а не за саму трубку.

– Не мойте манжету и не погружайте ее в воду.

– Установите манжету в соответствии с инструкциями.

– Четверь новых щелочных батарей размера «AAA» хватает примерно на 300 измерений при проведении двух измерений в день.

– Так как прилагаемые батареи могут использоваться для демонстрации работы прибора, их может не хватить на 300 измерений.

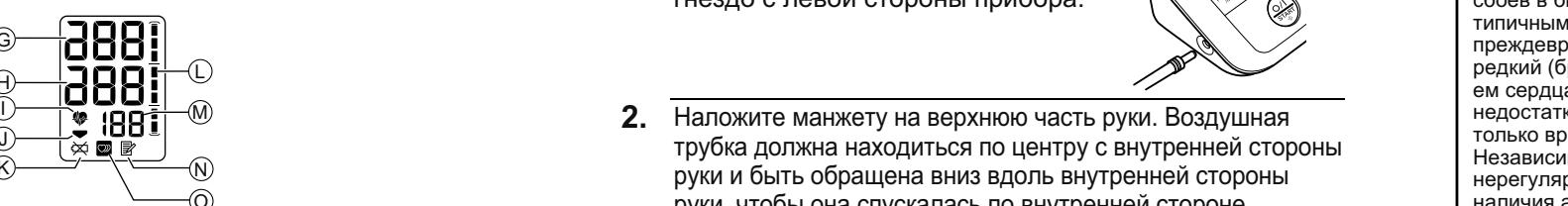
– Рекомендации подраздела «Надлежащая утилизация продукта» в разделе «Технические характеристики» и следите им, при утилизации устройства и используемых с ним принадлежностей или дополнительных частей.

1. Описание прибора

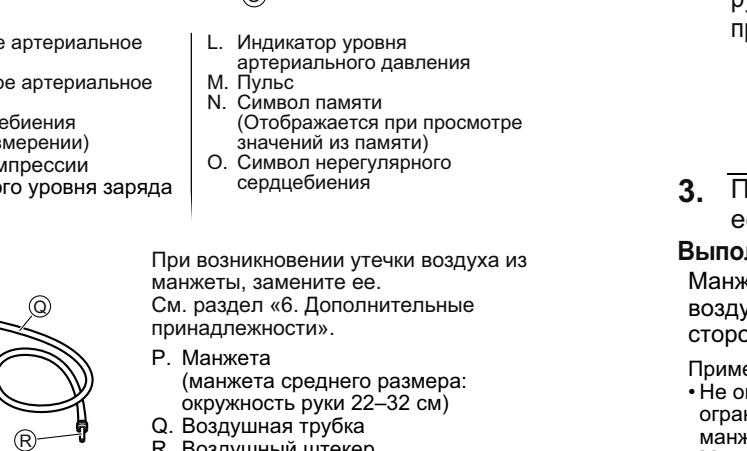
Электронный блок:



Дисплей:



Манжета:



2. Подготовка к работе

2.1 Использование адаптера переменного тока

Примечания:

– Запрещается подключать или выключать сетевой шнур мокрыми руками.
– Используйте только оригинальный адаптер переменного тока, предназначенный для данного устройства. При работе с другими адаптерами возможно повреждение устройства.

2.2 Вставьте штекер адаптера переменного тока

