

OMRON

Automatic Blood Pressure Monitor

Model HEM-7121
Instruction Manual

5342189-4A

Introduction

Thank you for purchasing the OMRON HEM-7121 Automatic Blood Pressure Monitor.

The OMRON HEM-7121 is a compact, 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.

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.
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.
• Plug the AC adapter into the appropriate voltage outlet. Do not use a multiple-tap.
• Never plug in or unplug the power cord from the electric outlet with wet hands.

Caution: 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)

• 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, as cuff inflation can cause internal bleeding.
• If there are any abnormalities during the measurement, remove the arm cuff.
• Do not use this device on infants or persons who cannot express their intentions.
• Do not inflate the arm cuff more than necessary.
• Do not use the unit for any purpose other than measuring blood pressure.
• Use only the approved arm cuff for this unit. Use of other arm cuffs may result in incorrect measurement results.
• 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 disassemble the unit or arm cuff.

(Battery Usage)

• Do not insert the batteries with their polarities incorrectly aligned.
• Use only four "AA" alkaline or manganese batteries with this unit. Do not use other types of batteries. Do not use new and used batteries together.
• Remove the batteries if the unit will not be used for 3 months or more.

(AC Adapter (optional) Usage)

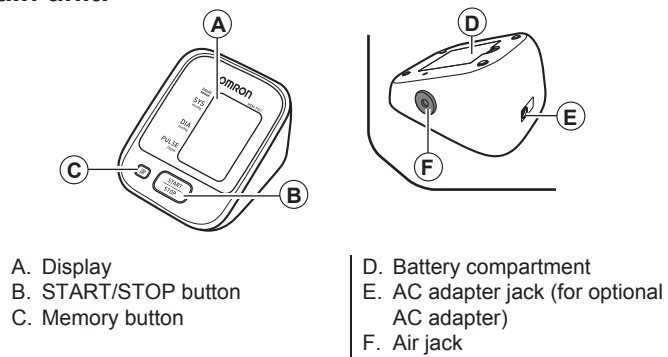
• Fully insert the power plug.
• When disconnecting the power plug, do not pull the power cord. Be sure to hold the power plug.
• When handling the power cord, observe the following:
Do not damage. Do not break it.
Do not tamper with it. Do not forcibly bend or pull.
Do not twist. Do not bundle during use.
Do not pinch. Do not place under heavy objects.
• Wipe the dust off from the power plug.
• Disconnect the power plug if the product will not be used for a long period of time.
• Disconnect the power plug before starting maintenance.
• Use only the original AC adapter designed for this unit. Use of unsupported adapters may damage and/or may be hazardous to the unit.

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.
• Do not apply strong shocks and vibrations to or drop the unit and arm cuff.
• Do not inflate the arm cuff when it is not wrapped around your arm.
• 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

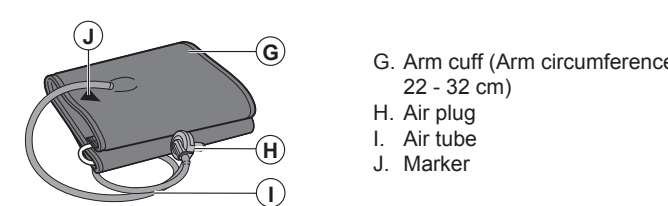
Main unit:



A. Display
B. START/STOP button
C. Memory button

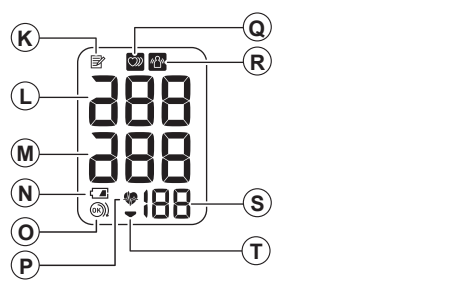
D. Battery compartment
E. AC adapter jack (for optional AC adapter)
F. Air jack

Arm cuff:



G. Arm cuff (Arm circumference 22 - 32 cm)
H. Air plug
I. Air tube
J. Marker

Display:



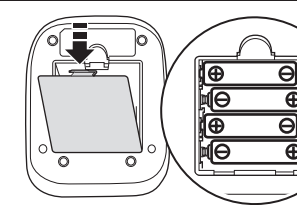
K. Memory symbol
L. Systolic blood pressure
M. Diastolic blood pressure
N. Low battery symbol
O. Cuff wrapping guide
P. Heartbeat symbol

Q. Irregular heartbeat symbol
R. Movement error symbol
S. Pulse display and Memory number
T. Deflation symbol

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 (N) appears on the display, turn the monitor off then replace all batteries at the same time.
• The measurement values continue to be stored in memory even after the batteries are replaced.
• The supplied batteries may have a shorter life.

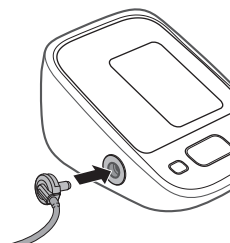
Disposal of used batteries should be carried out in accordance with the national regulations for the disposal of batteries.

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. Put your arm through the cuff loop.



The bottom edge of the arm cuff should be 1 to 2 cm above the elbow. Marker (arrow under the air tube) is centered on the middle of your inner arm.

3. Close the fabric fastener FIRMLY.



Notes:

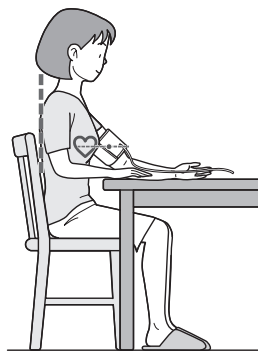
• When you take a measurement on the right arm, the air tube will be at the side of your elbow. Be careful not to rest your arm on the air tube.

• 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 both arms differ substantially, please check with your doctor which arm to use for your measurement.

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.

• Sit on a chair with your feet flat on the floor.
• Sit upright with your back straight.
• The arm cuff should be at the same level as your heart.



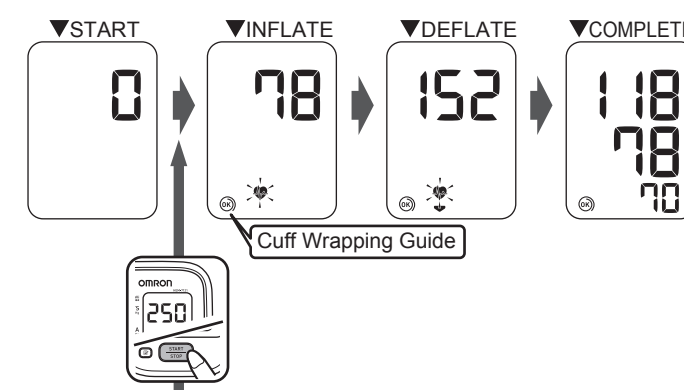
3.3 Taking a Reading

Notes:

• To cancel a measurement, press the START/STOP button to release the air in the arm cuff.
• Remain still while taking a measurement.

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.

Note: Wait 2-3 minutes before taking another blood pressure measurement. Waiting between readings allows the arteries to return to the condition prior to taking the blood pressure measurement.

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

Cuff Wrapping Guide:

The Cuff Wrapping Guide is a unique feature that indicates if the cuff is not wrapped tightly enough around the arm. Even when the (O) appears on the display, a blood pressure reading will be taken.

Note: This reading is NOT reliable due to the incorrect wrapping of the cuff. Please wrap the cuff again, taking care to wrap it correctly and take the measurement again. When the (O) is displayed, 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. It will automatically turn off after 2 minutes.

Important:

• If your systolic or diastolic pressure is outside the standard range, the heartbeat symbol will blink when the measurement result is displayed. Recent research suggests that the following values can be used as a guide to high blood pressure for measurements taken at home.

Systolic Blood Pressure	Above 135 mmHg
Diastolic Blood Pressure	Above 85 mmHg

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

• If you move during measurement, the movement error symbol (R) will appear on the display. Keep still and repeat the measurement.

3.4 Using the Memory Function

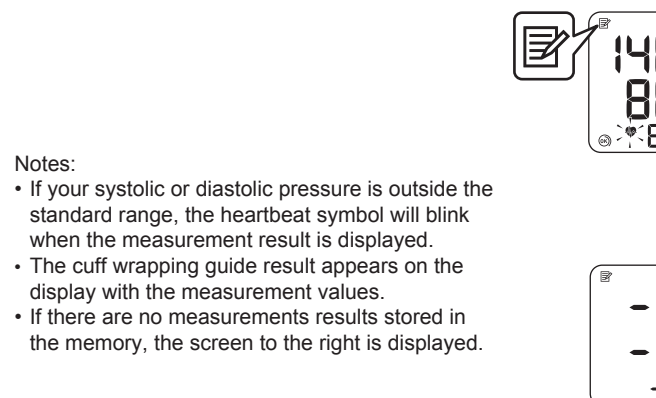
The monitor automatically stores the result up to 30 sets.

Note: If the memory is full, the monitor will delete the oldest reading.

To View the Readings Stored in Memory

1. Press the Memory button.

The Memory number appears for a second before the pulse rate is displayed. The newest set is numbered "1".



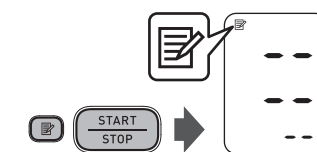
Notes:

• If your systolic or diastolic pressure is outside the standard range, the heartbeat symbol will blink when the measurement result is displayed.
• The cuff wrapping guide result appears on the display with the measurement values.
• If there are no measurements results stored in the memory, the screen to the right is displayed.

2. Press the Memory button repeatedly to view the readings stored in memory.

To Delete All the Values Stored in Memory

When the memory symbol (M) appears, first press the Memory button. Then while holding it down, press the START/STOP button simultaneously for more than 3 seconds.



Note: You cannot partially delete the stored readings.

4. Troubleshooting and Maintenance

4.1 The Icons and Error Messages

Error Display	Cause	Remedy
	Irregular heartbeats are detected.	Remove the arm cuff. Wait 2 - 3 minutes and then take another measurement. Repeat the steps in section 3.3. If this error continues to appear, contact your doctor.
	Movement during measurement.	Carefully read and repeat the steps in section 3.3.
	Cuff is not applied correctly.	Apply the arm cuff correctly. Refer to section 3.1.
	The batteries are low.	You should replace them with new ones ahead of time. Refer to section 2.1.
	The batteries are exhausted.	You should replace them with new ones at once. Refer to section 2.1.
	Air plug disconnected.	Insert the plug securely. Refer to section 3.1.
	Arm cuff not applied correctly.	Apply the arm cuff correctly. Refer to section 3.1.
	Air is leaking from the arm cuff.	Replace the cuff with the new one. Refer to Chapter 5.
	Movement during measurement and the arm cuff has not been inflated sufficiently.	Repeat measurement. Remain still and do not talk during measurement. Refer to section 3.3. If "E2" appears repeatedly, inflate the cuff manually until it is 30 to 40 mmHg above your previous measurement result. Refer to section 3.3.
	The arm cuff was inflated above 299 mmHg when inflating the cuff manually.	Do not inflate the cuff above 299 mmHg. Refer to section 3.3.
	Movement during measurement.	Repeat measurement. Remain still and do not talk during measurement. Refer to section 3.3.
	Clothing is interfering with the arm cuff.	Remove any clothing interfering with the arm cuff. Refer to section 3.1.
	Device error.	Contact your local OMRON representative.

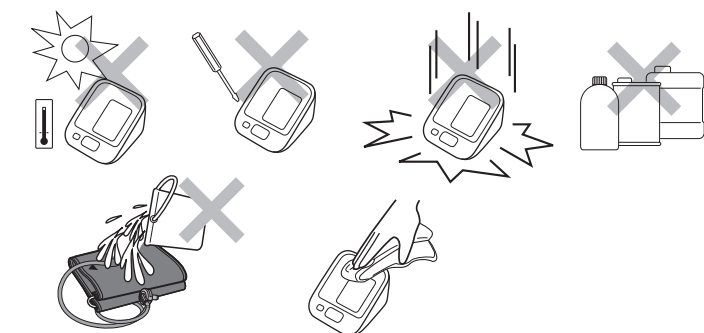
4.2 Troubleshooting

Problem	Cause	Remedy
The reading is extremely low (or high).	Arm cuff not applied correctly. Movement or talking during measurement. Clothing is interfering with the arm cuff.	Apply the arm cuff correctly. Refer to section 3.1. Remain still and do not talk during measurement. Refer to section 3.3. Remove any clothing interfering with the arm cuff. Refer to section 3.1.
Arm cuff pressure does not rise.	The air tube is not securely connected into the main unit. Air is leaking from the arm cuff.	Make sure that the air tube is connected securely. Refer to section 3.1. Replace the arm cuff with a new one. Refer to Chapter 5.
Arm cuff deflates too soon.	The arm cuff is loose.	Apply the cuff correctly so that it is firmly wrapped around the arm. Refer to section 3.1.
Cannot measure or readings are too low or too high.	The arm cuff has not been inflated sufficiently.	Inflate the cuff so that it is 30 to 40 mmHg above your previous measurement result. Refer to section 3.3.
Nothing happens when you press the buttons.	The batteries are empty. The batteries have been inserted incorrectly.	Replace the batteries with new ones. Refer to section 2.1. Insert the batteries with the correct (+/-) polarity. Refer to section 2.1.
Other problems.		• Press the START/STOP button and repeat measurement. • If the problem continues, try replacing the batteries with new ones. If this still does not solve the problem, contact your local OMRON representative.

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.
- Do not disassemble the unit.
- Do not subject the unit to strong shocks or vibrations (for example, dropping the unit on the floor).
- Do not use volatile liquids to clean the main unit.
- Do not wash the arm cuff or immerse it in water.
- Do not use petrol, thinners or similar solvents to clean the arm cuff.
- Do not carry out repairs of any kind yourself. If a defect occurs, consult your local OMRON representative.



- 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. Please consult your local OMRON representative.

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 vapours.
- Locations exposed to vibrations, shocks or where it will be at an angle.

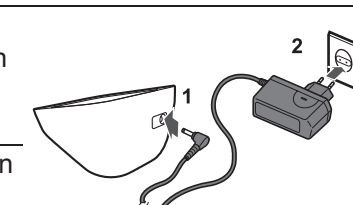
5. Optional Parts



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

Product Description	Automatic Blood Pressure Monitor
Model	HEM-7121
Display	LCD Digital Display
Measurement Method	Oscillometric method
Measurement Range	Pressure: 0 to 299 mmHg Pulse: 40 to 180 beats/min
Accuracy	Pressure: ±3 mmHg Pulse: ±5% of display reading
Inflation	Fuzzy-logic controlled by electric pump
Deflation	Automatic pressure release valve
Memory	30 Measurements
Rating	DC5V 4W
Power Source	4 "AA" batteries 1.5V or AC adapter (optional, INPUT AC100-240V 50/60Hz 0.12A) Approx. 1000 measurements (using new alkaline batteries)
Battery Life	= Type BF
Applied Part	Internally powered ME equipment (When using only the batteries)
Protection Against Electric Shock	= Class II ME equipment (Optional AC adapter)
Operating temperature/Humidity	+10 to +40°C / 30 to 85% RH
Storage temperature/Humidity/Air pressure	-20 to +60°C / 10 to 95% RH / 700-1060 hPa
Console Weight	Approx. 250g without batteries
Cuff Weight	Approx. 130g
Outer Dimensions	Approx. 103 (w) mm × 80 (h) mm × 129(l) mm
Cuff Dimensions	Approx. 145 mm × 466 mm (Cuff: arm circumference 22 to 32 cm)
Cuff/ Tube Material	Nylon, polyester, polyvinyl chloride
Package Contents	Main unit, arm cuff, instruction manual, battery set

Note: Subject to technical modification without prior notice.

CE0197

- 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, Non-invasive sphygmomanometers Part 1: General Requirements and Part 3: Supplementary requirements for electromechanical blood pressure measuring systems.
- This OMRON product is produced under the strict quality system of OMRON HEALTHCARE Co., Ltd., Japan. The core component for OMRON blood pressure monitors, which is the Pressure Sensor, is produced in Japan.

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. Electromagnetic interference may result in incorrect operation of the medical device and create a potentially unsafe situation. Medical devices should also not interfere with 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 standard defines the levels of immunity to electromagnetic interferences as well as maximum levels of electromagnetic emissions for medical devices.

This medical device manufactured by OMRON HEALTHCARE conforms to this EN60601-1-2:2007 standard for both immunity and emissions. Nevertheless, special precautions need to be observed:
• Do not use mobile (cellular) telephones and other devices, which generate strong electrical or electromagnetic fields, near the medical device. This may result in incorrect operation of the unit and create a potentially unsafe situation. Recommendation is to keep a minimum distance of 7 m. Verify correct operation of the device in case the distance is shorter.

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

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 to promote the sustainable reuse of material resources.
Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can return this item for environmentally safe recycling.
Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

Manufacturer	OMRON HEALTHCARE Co., Ltd. 53, Kunotsubo, Terado-cho, Muko, Kyoto 617-0002 JAPAN
EC REP	OMRON HEALTHCARE EUROPE B.V. Scorpius 33, 2132 LR Hoofddorp THE NETHERLANDS www.omron-healthcare.com
Asia Pacific HQ	OMRON HEALTHCARE SINGAPORE PTE LTD. 438A Alexandra Road, #05-05/08 Alexandra Technopark, Singapore 119967 www.omronhealthcare-ap.com
Production facility	OMRON HEALTHCARE MANUFACTURING VIETNAM CO., LTD. Birh Duong Province, VIETNAM

自動血壓計
型號 HEM-7121
使用說明書



簡介

感謝您購買 OMRON HEM-7121 自動血壓計。
精巧的 OMRON HEM-7121 全自動血壓計以波震法為運作原理，能夠簡單快捷地測量血壓與脈搏。本血壓計運用先進的「IntelliSense」技術控制加壓，讓使用時更加舒適，無需預設壓力或重新加壓。

用途
本產品之設計係讓適用脈帶規格的使用者，依照使用說明書之指示測量血壓及脈搏。
本產品主要供一般居家使用。使用血壓計前，請務必閱讀使用說明書的重要安全須知。

【使用前，請務必詳閱本使用說明書。
請妥善保存本說明書，以便日後隨時查閱。
如個人血壓的詳細資訊，請諮詢醫師。

重要安全須知

孕婦或診斷出有心律不整或動脈硬化之患者，請務必遵照醫師指示後再使用。使用前，請務必詳閱安全須知。

▲警告：表示若未避免，可能會導致人員死亡或重傷等具有潛在危險的情況。

【一般使用須知】
• 請勿將本產品用於負傷或正接受治療的手臂。
• 手臂接受靜脈輸注或輸血時，請勿將脈帶捲繞於手臂。

【AC 變壓器（選購）使用須知】
• 主機或電源線受損時，請勿使用 AC 變壓器。請立即關閉電源，並拔下電源線。
• 請將 AC 變壓器插入適當電壓之插座。請勿使用多頭插座。
• 請勿用徒手插拔電源插頭。

▲注意：表示若未避免，可能導致使用者或病患程度或中度受傷，或造成設備或其他財產損壞等之危險情況。

【一般使用須知】
• 請務必遵照醫師指示，自行判斷測量結果或自行治療均屬於危險行為。
• 重度血液循環障礙或血液疾病的患者，在使用本產品前請先諮詢醫師，因為脈帶加壓有可能造成內出血。
• 測量血壓時若出現任何異常，請取下脈帶。
• 請勿將血壓計用於幼童或無法表達個人意願者。
• 請勿過度加壓脈帶。
• 血壓計僅能用來測量血壓，請勿用於其他用途。
• 請使用本血壓計所附的脈帶。使用其他脈帶可能會導致測量結果不正確。
• 請勿在血壓計附近使用行動電話或其他會散發電磁場的裝置，否則可能導致血壓計運作異常。
• 請勿將脈帶捲繞於或壓脈帶。

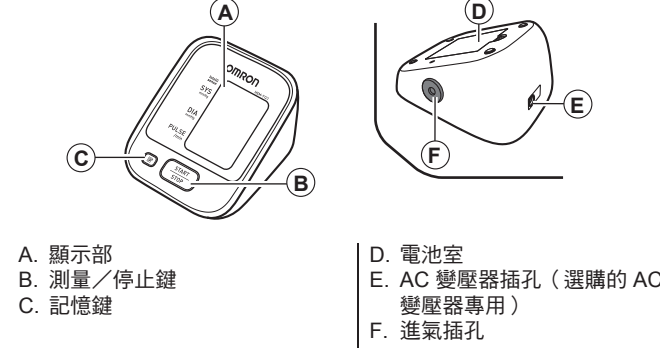
【電池使用須知】
• 請對準電池的正負極性位置，正確裝入電池。
• 血壓計僅能使用四顆 3 號鹼性電池或鋰電池。切勿使用其他類型的電池。請勿同時混用新、舊電池。
• 若未來 3 個月以上都不會使用血壓計，請取出電池。

【AC 變壓器（選購）使用須知】
• 請將電源插頭完全插入。
• 拔下電源插頭時勿拉扯電源線。請務必抓住電源插頭。
• 處理電源線時請遵守下列事項：
• 切勿剪接電源線。切勿破壞電源線。
• 切勿修改電源線。切勿強行彎折或拉扯電源線。
• 切勿拉扯電源線。使用電源線時切勿加以纏繞。
• 切勿夾住電源線。切勿以重物壓住電源線。
• 請將電源線插頭上的灰塵。
• 若長時間不使用本產品，請拔下電源插頭。
• 進行維護前請先拔下電源插頭。
• 血壓計僅能使用專用的原廠 AC 變壓器。使用不支援的變壓器可能會對血壓計造成損壞及/或危害。

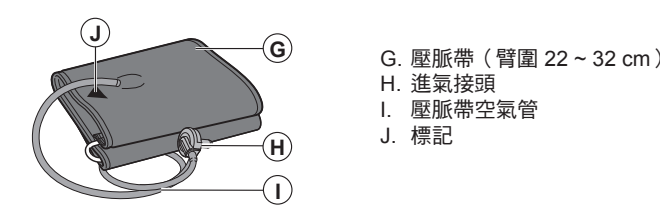
【一般注意事項】
• 請勿強行過度彎曲脈帶或脈帶空氣管。
• 若要拔下進氣接頭，請握住具與主機連接處並加以拔除，勿拉扯空氣管。
• 請避免強力撞擊、電動，或使血壓計及脈帶接觸地面。
• 未拆鬆脈帶時請勿加壓。
• 請詳閱並遵照 <技術資料>一節中的「電磁兼容性 (EMC) 相關重要資訊」。
• 如欲重置本產品與任何使用過的配件或選購配件，請詳閱並遵照 <技術資料>一節中的「正確丟棄本產品」。

1. 概觀

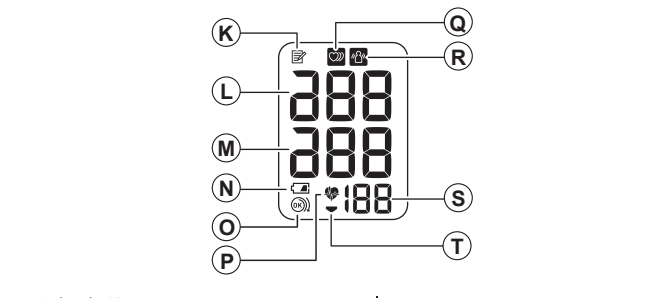
主機：



脈帶帶：



顯示部：

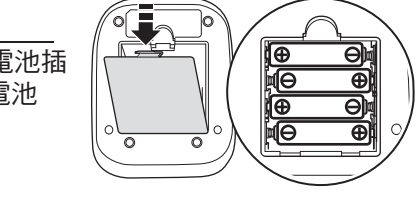


2. 準備作業

2.1 安裝 / 更換電池

1. 拆下電池蓋。

2. 依照圖示將四顆 3 號電池插入電池室，隨後裝回電池蓋。



注意：
• 若顯示部出現低電量符號 (E)，請關閉血壓計電源，並一併更換所有電池。
• 即使更換電池，記憶體所儲存的測量值仍會存在。
• 本產品隨附電池的使用壽命可能較短。

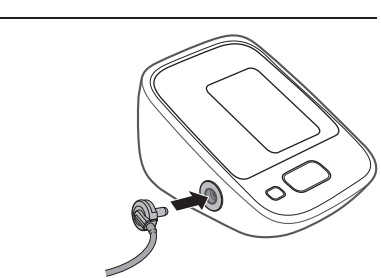
丟棄舊電池時，應遵照居住國家的電池棄置相關法規。

3. 使用血壓計

3.1 捲繞脈帶

請脫去上臂的緊身衣物或捲起衣袖。請勿將脈帶捲繞於厚重衣物。

1. 將進氣接頭牢牢地插入進氣插孔。



2. 將手穿過脈帶帶環。



脈帶的底邊應高於手腕 1 到 2 cm。標記 (空氣管下的箭頭) 空氣管應置於中臂中央。

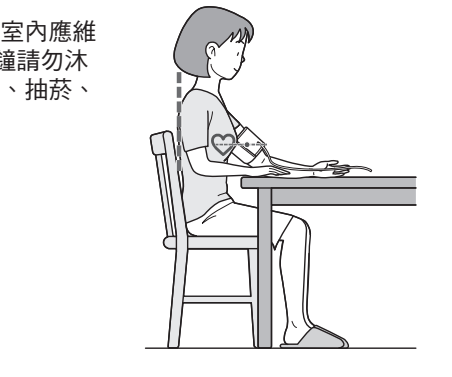
3. 將粘扣帶貼緊。



注意：
• 測量右臂的血壓時，空氣管將位於手肘側。請避免手肘壓住空氣管。
• 左右手的血壓可能會有所差異，因此，測得的血壓值也可能會不同。OMRON 建議您固定以同一支手進行測量。如果左右手的測量值出現較大差異，請向醫師確認應使用哪一支手來測量血壓。

3.2 正確坐姿

測量時請放鬆並保持舒適坐姿，室內應維持舒適溫度。測量血壓前 30 分鐘請勿沐浴、飲用含酒精或咖啡因的飲料、抽菸、運動或用餐。

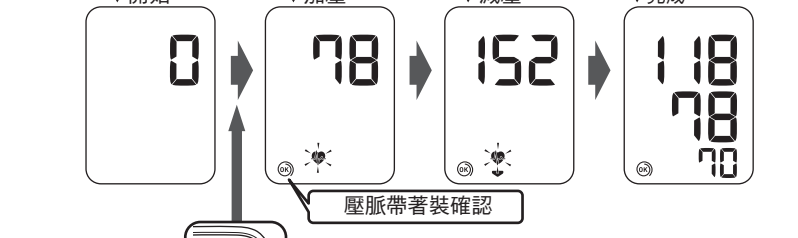


• 採取坐姿，雙腳平放地面。
• 使身體坐直，並挺直背部。
• 脈帶應與心臟同高。

3.3 取得血壓數值

注意：
• 若要取消測量，請按測量 / 停止鍵或舒張壓帶內的空氣。
• 測量過程中請保持身體靜止。

1. 按下測量 / 停止鍵。
脈帶會開始自動加壓。



如果收縮壓超過 210 mmHg
請在脈帶開始加壓後按測量 / 停止鍵，直到壓力比預估的收縮壓高出 30 ~ 40 mmHg 後再放開。

注意：
• 血壓計不會加壓超過 299 mmHg。
• 請勿過度加壓。

注意：再次測量血壓前請靜待 2 ~ 3 分鐘，如此可讓動脈回到測量血壓前的狀態。
▲請務必諮詢醫師，自行判斷測量結果或自行治療均屬於危險行為。

脈帶帶著裝確認符號：
脈帶帶著裝確認這項功能會顯示脈帶捲繞於手臂的緊度是否足夠。即使顯示部顯示 (C)，仍可測得血壓數值。

注意：由於未正確捲繞脈帶，因此此數值並不準確。請務必以正確方式重新捲繞脈帶，並再次測量血壓。若顯示 (C)，代表已正確地將脈帶繫繞於手臂，此時將獲得準確、可靠的數值。

2. 取下脈帶。

3. 按下測量 / 停止鍵以關閉電源。
血壓計會自動將測量值儲存於記憶體，並在 2 分鐘後自動關機。

重要事項：

• 在顯示測量結果時，若收縮壓或舒張壓超出標準範圍，脈搏將變為閃爍。最新研究建議在家測量時，可採用下列數值作為是否有高血壓之參考。

Table with 2 columns: Measurement Type and Value. Shown: 收縮壓 135 mmHg 以上, 舒張壓 85 mmHg 以上.

此標準適用於居家血壓測量。

• 本血壓計具有偵測不規則脈波之功能。不規則脈波可能會影響測量結果。不規則脈波演算法會自動判斷測量結果是否可用，並判定是否需要重複執行測量。如果測量並不規則脈波仍處於有效結果，則不規則脈波警告 (E) 會與測量結果一併顯示。若不規則脈波造成測量結果無效，便不會顯示任何結果。如果測量完畢後出現不規則脈波警告 (E)，請重複測量。如果不規則脈波警告 (E) 頻繁出現，請將此情況告知醫師。

• 若測量時晃動身體，顯示部便會顯示身體晃動警告 (E)。請保持身體靜止並重複測量。

3.4 使用記憶功能

血壓計會自動儲存測量結果，最多可儲存 30 組。
注意：若記憶體已滿，則血壓計會刪除最高的數值。

檢視記憶儲存之數值

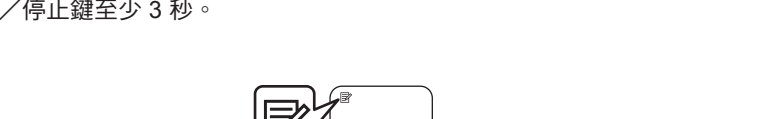
1. 按下 [E] 鍵。
記憶體號會先出現一秒，隨後再顯示脈搏。最新一組記憶的編號為「1」。



注意：
• 在顯示測量結果時，若收縮壓或舒張壓超出標準範圍，脈搏將變為閃爍。
• 顯示部會顯示脈帶帶著裝確認結果以及測量值。
• 如果記憶體中無任何測量結果，便會顯示右圖之畫面。

2. 按 [E] 鍵可反復檢視記憶儲存之數值。

刪除記憶儲存之所有數值
出現測量紀錄 (E) 時，請先按住記憶鍵，隨後再同時按住測量 / 停止鍵至少 3 秒。



注意：無法個別刪除記憶儲存之數值。

4. 疑難排解與維護

4.1 圖示與錯誤訊息

Table with 3 columns: Error Code, Cause, and Recommended Action. Includes codes E1 through E7.

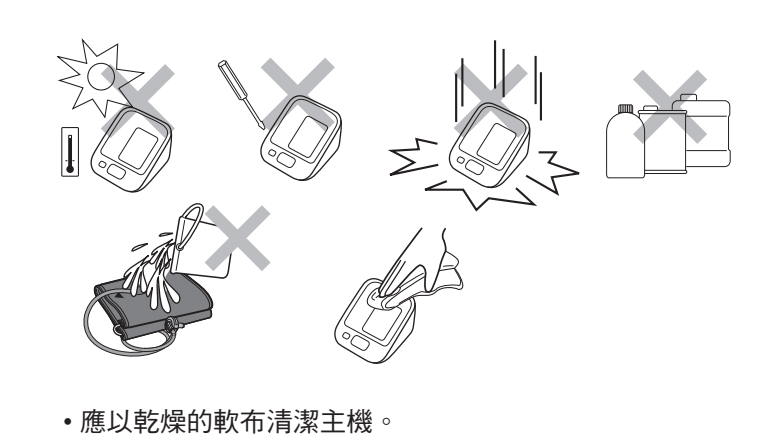
4.2 疑難排解

Table with 3 columns: Question, Cause, and Recommended Action. Addresses issues like low readings, cuff not inflated, etc.

4.3 維護

為避免血壓計受損，請遵守下列規定：

- 請勿將主機與脈帶帶置於極高溫、極低溫、溼氣重或陽光直射處。
• 請勿用力彎折脈帶帶或空氣管。
• 請勿將脈帶帶加壓超過 299 mmHg。
• 請勿拆解主機。
• 請勿重疊堆疊或震動主機 (例如主機掉落到地面)。
• 請勿使用揮發性液體清潔主機。
• 請勿用水清洗脈帶帶，亦不可將其沾溼。
• 請勿使用汽油、稀釋劑或類似溶劑清潔脈帶帶。
• 請勿自行進行任何維修。若發生故障，請洽當地 OMRON 客服中心。



• 應以乾燥的軟布清潔主機。
• 請使用沾濕的軟布與中性肥皂清潔脈帶帶。

注意：如欲重置本產品與任何使用過的配件或選購配件，請詳閱並遵照 <技術資料>一節中的「正確丟棄本產品」。

校正與維修

• 本血壓計之正確性經過詳細測試，可長期使用。
• 一般建議每兩年檢測一次，以確保功能運作正常與準確度。請洽當地 OMRON 客服中心。

4.4 存放

- 1. 將進氣接頭從進氣插孔拔下。
2. 輕輕彎折脈帶帶空氣管，並將其放入脈帶帶中。
注意：
• 請勿過度彎折脈帶帶空氣管。
• 脈帶計弄溼時，
• 極高溫或極低溫、溼氣重、陽光直射、灰塵或產生腐蝕性氣體的環境。
• 會遭受震動、撞擊或導致本產品傾倒的場所。

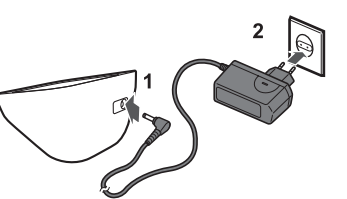
5. 選購配件



注意：請洽當地 OMRON 客服中心取得所需選購配件之型號。

使用選購的 AC 變壓器

1. 將 AC 變壓器的插頭插入主機後側的 AC 變壓器插孔。



2. 將 AC 變壓器插入電源插座。
若要拔下 AC 變壓器，請先從電源插座拔下 AC 變壓器，再從主機拔下 AC 變壓器插頭。

6. 技術資料

Table with 2 columns: Product Description and Technical Specifications. Includes model, display, accuracy, and battery info.

通用部位
防觸電保護

操作溫度 / 溫度
存放溫度 / 溼度 / 氣壓

操作溫度 / 溫度
存放溫度 / 溼度 / 氣壓
主機重量
脈帶帶重量
外部尺寸
脈帶帶尺寸
脈帶帶 / 空氣管材質
包裝內容
注意：規格如有修改，恕不另行通知。

CE 0197

- 血壓計符合 EC 指令 93/42/EEC (醫療器材指令) 之規定。
• 血壓計之設計符合歐洲標準 EN1080 非侵入式血壓計—第 1 部：一般規定以及第 3 部：機電式血壓測量系統的補充規定。
• OMRON 產品係在 OMRON HEALTHCARE Co., Ltd., Japan 嚴格品質管制制度之下製造而成。OMRON 血壓計的核心組件「壓力感測器」於日本生產。

電磁兼容性 (EMC) 相關重要資訊

隨著個人電腦及行動電話等電子裝置普及，目前使用的醫療器材易受到其他裝置的電磁干擾。電磁干擾可能會導致醫療器材運作異常，以及產生潛在危險的情況。另一方面，醫療器材也不應對其他裝置造成干擾。

為了規範對 EMC (電磁兼容性) 的要求，以防產生潛在危險的情況，因而實施 EN60601-1-2:2007 標準，測定醫療器材的電磁抗擾度，以及最大電磁發射度。

歐姆龍健康事業股份有限公司所製造的醫療器材無抗擾度或發射度符合 EN60601-1-2:2007 標準。
然而，使用時仍須遵守以下特別注意事項：
• 請勿在醫療器材附近使用會產生強大電場或磁場的行動電話及其他裝置，否則可能導致血壓計運作異常，以及產生潛在危險的情況。建議維持保持 7 公尺的距離，無法保持 7 公尺距離時，請確認裝置是否可正常運作。

有關其他 EN60601-1-2:2007 相關文件，可參考使用說明書提供的 OMRON Healthcare Europe 地址索取。
您也可以前往 www.omron-healthcare.com 取得這些文件。

正確丟棄本產品 (廢棄電機與電子設備)

若產品外觀或顯示部出現此標誌，表示該產品使用壽命結束時，不可與其他居家廢棄物一同丟棄。為了避免隨丟棄廢棄物對環境造成人體健康造成傷害，請將本產品與其他廢棄物分開，並徹底做好回收工作，才能推動物資源的永續再利用。

家庭用戶應與購入本產品之零售商或當地政府辦公室聯繫，取得環保回收本產品之詳細地點與方法。
企業用戶應與供貨廠商聯繫，並且檢查採購合約的條款與條件。請勿將本產品與其他事業廢棄物混合丟棄。

Table with 2 columns: EC REP and Manufacturer info. Includes OMRON HEALTHCARE EUROPE B.V. details.

製造廠名稱：OMRON HEALTHCARE MANUFACTURING VIETNAM CO., LTD.
製造廠地址：No. 28 VSIP II, Street 2, Vietnam-Singapore Industrial Park II, Binh Duong Industry-Services-Urban Complex, Hoa Phu Ward, Thu Dau Mot City, Binh Duong Province, Vietnam
藥商名稱：台灣歐姆龍健康事業股份有限公司
藥商地址：台北中山區民權東路二段373號5樓之1

歐姆龍健康相談室
歡迎來電諮詢產品相關問題
OMRON 免付費諮詢專線
0809-080880
星期一至五 上午 9 時 - 下午 10 時 (10 時 - 11 時)
• 如有任何生活層人員與您未能及時得到協助時，與請見此標誌
請來電查詢
http://www.omronhealthcare.com.tw