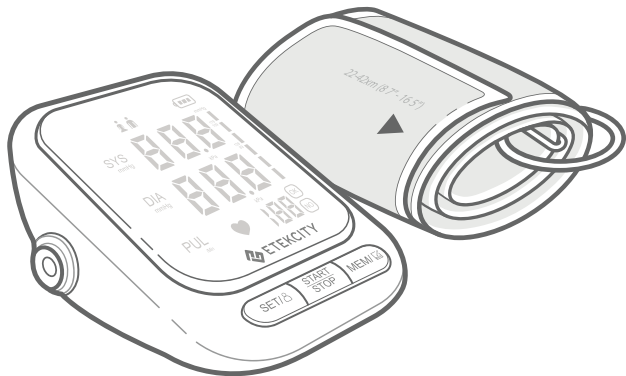


Upper-Arm Blood Pressure Monitor

Model: EBP-UA5

User Manual



**Thank you for purchasing the
Upper-Arm Blood Pressure Monitor
by Etekcity.**

If you have any questions or concerns, please reach out to our helpful Customer Support Team at **support@etekcity.com**. We hope you enjoy your new blood pressure monitor!

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Table of Contents

Package Contents	3
Specifications	4
Safety Information	5
Function Diagram	8
Display Diagram	9
Getting to Know Your Blood Pressure Monitor	10
Information on Blood Pressure	10
- More Information on Blood Pressure	14
- Selecting a User	14
- Memory	15
- Turning the Speaker On/Off	15
- Changing Units	16
Before Measurement	16
Using the Blood Pressure Monitor	18
Display Readings	20
Maintenance	21
- Charging the Battery	21
- Optimizing Battery Performance	22
- Cleaning the Monitor	22
- Storage	22
Frequently Asked Questions	23
Glossary of Symbols	24
Warranty Information	33
Customer Support	35

Package Contents

1 x Blood Pressure Monitor
1 x Arm Cuff
1 x Type-C USB Charging Cable
1 x Storage Bag
1 x User Manual
1 x Quick Start Guide

Specifications


Measurement Range	Pressure: 0-290 mmHg / 0-39 kPa Pulse: 40-199 per minute
Accuracy	Pressure: 3 mmHg / 0.4 kPa Pulse: 5%
Units	mmHg / kPa
Dimensions	Monitor: 4.9 x 4.5 x 2.8 in / 12.6 x 11.5 x 7.1 cm Cuff Circumference: 8.7-16.5 in / 22-42 cm
Weight	1.29 lb / 487 g
Operating Environment	Temperature: 41°-104°F / 5°-40°C Relative Humidity: 15-80%
Transport and Storage Environment	Temperature: -4°-131°F / -20°-55°C Relative Humidity: 15-93%
Battery Type	3.7V, 800mAh Li-ion battery
Rated Power	5V, 1A
Charging Time	3-4 hours
Automatic Shutoff	60 seconds

Safety Information

Please read and follow all instructions and safety guidelines in this manual.

CAUTION

Contraindication: Using this monitor on patients undergoing dialysis therapy or on anticoagulants, antiplatelets, or steroids could cause internal bleeding.


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

- If the arm cuff causes any discomfort, immediately press **START** **STOP** to turn off the monitor.
- This monitor is intended for adult use in homes **only**. Consult your doctor before using this monitor on older children.
- The monitor is not intended to be a diagnostic device. The results are for reference **only** and cannot substitute for a doctor's diagnosis. **Only** a healthcare professional is qualified to interpret blood pressure measurements.

- Consult your physician before using if you have any of the following conditions: advanced age, common arrhythmias (such as atrial or ventricular premature beats or atrial fibrillation), arterial disease (such as arteriosclerosis), diabetes, poor perfusion, pregnancy, pre-eclampsia, or renal diseases.
- Consult your physician before using on: neonatal (newborn) patients, pregnant patients, patients who received a mastectomy, or patients with implanted electronic devices.
- Consult your physician before using on a patient undergoing intravascular therapy or with an arterio-venous (A-V) shunt.
- **Do not** use the arm cuff on an arm that is injured or undergoing medical treatment.
- **Do not** use the arm cuff on an arm that currently has an intravenous drip or blood transfusion.
- **Do not** use the monitor at the same time as other medical electrical (ME) equipment.
- **Do not** use the monitor near HF surgical equipment, MRI machines, CT scanners, flammable anesthetic mixtures such as nitrous oxide (laughing gas), or in an oxygen-rich environment.

Safety Information (cont.)

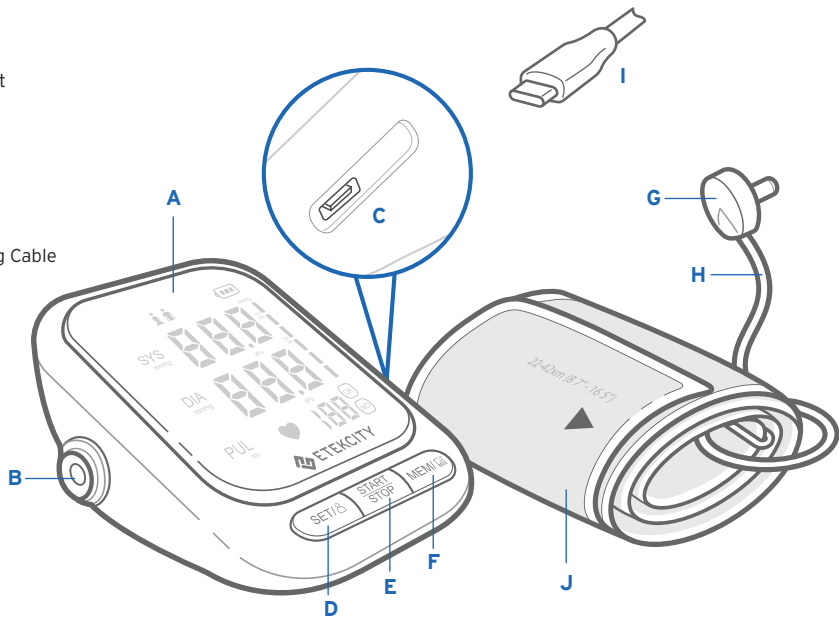
- Closely supervise children near the monitor. **Do not** allow children to use or play with this monitor.
 - Keep out of reach of children. The monitor contains small pieces that may be swallowed and the air hose and charging cable may cause strangulation.
 - If you are taking medication, consult your physician to determine the most appropriate time to measure your blood pressure. **Never** change a prescribed medication without consulting your physician. **Do not** begin or end medical treatment without asking a physician for treatment advice. **Do not** take any therapeutic measures on the basis of a self-measurement.
 - **Do not** drape air hose around your neck.
- ⚠ 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.
- When measuring, avoid compressing or restricting the air hose. **Do not** kink the air hose during use. The cuff pressure may continue to increase which can prevent blood flow and result in harmful injury to the patient.
 - People with severe blood flow problems or blood disorders should consult a physician before using the monitor, as the arm cuff inflation can cause bruising.
 - **Do not** take measurements more than necessary. It may cause bruising due to blood flow interference.
 - Too frequent and consecutive measurements could cause disturbances in blood circulation and injuries.
 - **Do not** use the monitor for any purpose other than measuring blood pressure.
 - **Only** use the approved arm cuff for this monitor. Use of third-party arm cuffs may result in incorrect measurements.
 - When not in use, store the monitor with the charging cable in a dry room and protect it against any chemical solvent, moisture, heat,

- lint, dust, and direct sunlight. **Do not** store in any place that is tilted, vibrates, or can damage the monitor. **Do not** store near chemicals or corrosive gases. **Never** place any heavy objects on the storage case.
- **Only** use, transport, and store the monitor within the required temperature and humidity ranges (see page 4). If the temperature and humidity are outside these ranges, the measurement results may be inaccurate.
 - **Do not** hit or drop the monitor.
 - **Do not** use the monitor in a moving vehicle, such as a car or an airplane.
 - **Do not** use the monitor near a mobile phone or any other device that emits electromagnetic fields.
 - When  appears, charge the battery with the included charging cable. **Do not** use the monitor while it is charging.
 - **Only** use a Type-C USB charging cable that meets the requirements for the monitor (see page 4).
- This monitor is not intended to replace regular medical checkups.
 - **Do not** wash the cuff in a washing machine or dishwasher.
 - **Do not** make any repairs yourself. If you have any questions, contact **Customer Support** (see page 35).
 - This device is intended for non-invasive measuring and monitoring of arterial blood pressure. It is not intended for use on extremities other than the arm or for functions other than obtaining a blood pressure measurement.
 - Dispose of accessories, detachable parts, and ME Equipment according to local guidelines.
 - The operator shall not touch output of batteries/ adapter and the patient.

SAVE THESE INSTRUCTIONS

Function Diagram

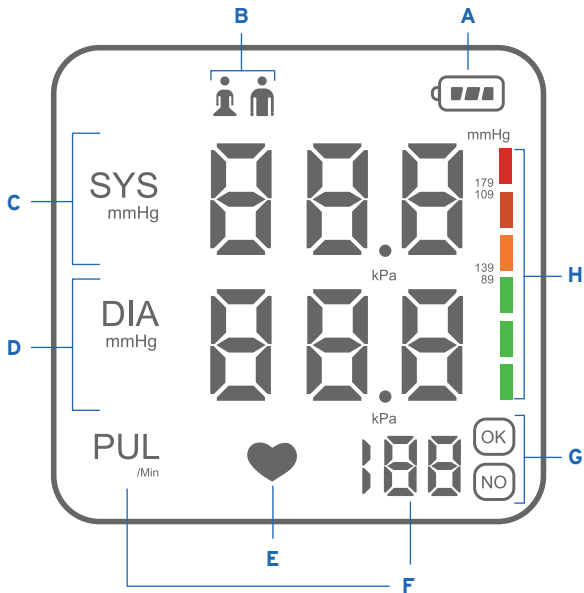
- A. Display
- B. Air Port
- C. Type-C Charging Port
- D. Set/User Button
- E. Start/Stop Button
- F. Memory Button
- G. Air Plug
- H. Air Hose
- I. Type-C USB Charging Cable
- J. Cuff



Display Diagram

- A. Battery
- B. User
- C. Systolic Blood Pressure
- D. Diastolic Blood Pressure
- E. Irregular Heartbeat Indicator
- F. Pulse
- G. Cuff Status
- H. WHO Indicator*

* **Note:** In the digital part of the panel, 89 and 109 are the representations of DIA values, and 139 and 179 are the representations of SYS values. For specific values, please refer to page 12.

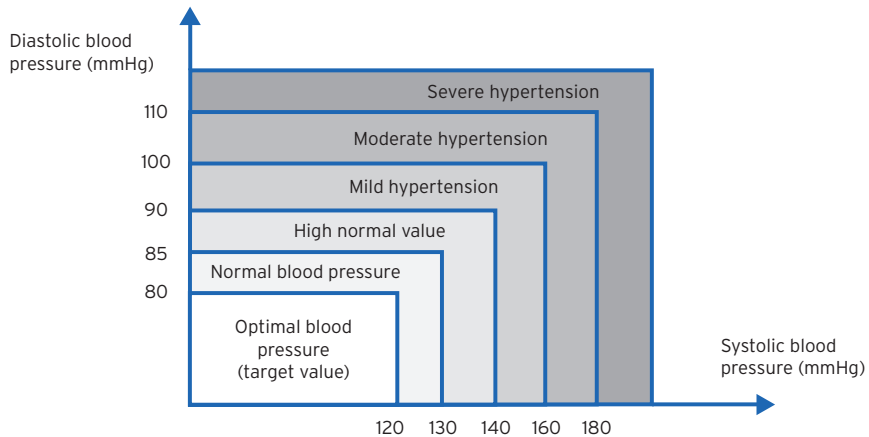


Getting to Know Your Blood Pressure Monitor







Blood pressure monitors use the oscillometric method of measuring blood pressure. The monitor can detect the blood's movement through the brachial artery and convert it into a digital reading. The monitor is easy and simple to use and does not require a stethoscope.

Information on Blood Pressure

Your blood pressure level is determined in the circulatory center of your brain and adjusts to a variety of situations through feedback from the nervous system. To adjust blood pressure, the strength and speed of your heart (your pulse) and the width of your circulatory blood vessels are altered. Blood vessel width is controlled by fine muscles in the blood vessel walls. Your level of arterial blood pressure changes periodically during heart activity. During "blood ejection" from the heart (systole), pressure is highest (systolic blood pressure value / SYS). At the end of the heart's "rest period" (diastole), pressure is lowest (diastolic blood pressure value / DIA). Blood pressure values must lie within certain normal ranges in order to prevent particular diseases.



There are 6 WHO (World Health Organization) Indicator levels that can be displayed on the monitor and represent different blood pressure values and classifications.

Blood Pressure Value	WHO Indicator Level	WHO Classification	Note
DIA \geq 110 or SYS \geq 180	6	Severe hypertension	
DIA $<$ 110 & SYS $<$ 180	5	Moderate hypertension	
DIA $<$ 100 & SYS $<$ 160	4	Mild hypertension	
DIA $<$ 90 & SYS $<$ 140	3	High normal value	
DIA $<$ 85 & SYS $<$ 130	2	Normal blood pressure	
DIA $<$ 80 & SYS $<$ 120	1	Optimal blood pressure	

Blood pressure is very high if your diastolic pressure is above 90 mmHg and/or your systolic blood pressure is over 160 mmHg, while at rest. In this case, please consult your physician immediately. Long-term values at this level endanger your health due to continual damage to the blood vessels in your body.

If you have blood pressure values that are too high, (such as systolic values between 140 mmHg and 159 mmHg and/or under diastolic blood pressure values between 90 mmHg and 99 mmHg), consult your physician.

If you have blood pressure values that are too low, (such as systolic values under 105 mmHg and/or diastolic values under 60 mmHg), consult your physician.

Even with normal blood pressure values, a regular self-check with your blood pressure monitor is recommended. You can detect possible changes in your values early and react appropriately. If you are undergoing medical treatment to control your blood pressure, keep a record of values along with the time of day and date. Show these values to your physician.

⚠ Caution: Never use the results of your measurements to independently alter the drug doses prescribed by your physician.

Note:

- If your values are mostly normal under resting conditions but exceptionally high under conditions of physical or psychological stress, you may be suffering from “labile hypertension”. Consult your physician.
- A correctly measured diastolic blood pressure value above 120 mmHg requires immediate medical treatment.

More Information on Blood Pressure Values

- Increased blood pressure values (various forms of hypertension) are associated with considerable health risks over time. Arterial blood vessels in your body are endangered due to constriction caused by deposits in the vessel walls (arteriosclerosis). A deficient supply of blood to important organs (heart, brain, muscles) can result from arteriosclerosis. Furthermore, the heart will become structurally damaged with increased blood pressure values.
- There are many different causes of high blood pressure. We differentiate between the common primary (essential) hypertension and secondary hypertension. The latter group can be ascribed to specific organ malfunctions. Please consult your physician for information about the possible origins of your own increased blood pressure values.
- There are measures which you can take to reduce and even prevent high blood pressure. Consult your physician.

Selecting a User

To switch between user 1 and 2:

- With the monitor off, press **SET/8** to show the current user and press again to change users. The user number will flash to indicate your selection.

Note:

1. If no buttons are pushed within 3 seconds, the monitor will turn off.
2. Auto shutdown means user is selected.

Memory

Results are automatically saved after each measurement. The monitor can save up to 90 results for each user.

To view saved results:

1. Select a user.
2. While the monitor is off, press **MEM/☑** to display the average of the last 3 results. Press **MEM/☑** again to view each result, beginning with the most recent measurement taken.
3. Press **MEM/☑** again to view the next result.

To delete all saved results:

1. Select a user.
2. While the monitor is off, press and hold **MEM/☑** for more than 3 seconds. While still holding **MEM/☑**, press **SET/8**.
3. Once "ALL EE" appears on the display, all results for the user have been deleted.

Turning the Speaker On/Off

1. While the monitor is off, press and hold **SET/8** until the display reads "SP OFF". *[Figure 1.1]*
2. Press **MEM/☑** to change the reading to "SP ON" to turn the speaker on. *[Figure 1.2]*
3. Press **MEM/☑** again to change the reading to "SP OFF" to turn the speaker off.
4. Press **SET/8** to confirm the setting.



Figure 1.1



Figure 1.2

Changing Units

To change between mmHg and kPa:

1. While the monitor is off, press and hold **SET/8** until the display reads "SP OFF" or "SP ON".
2. Once it blinks 2 times, press **SET/8** again to change it to "PA OFF" for mmHg.
3. Press **MEM/✓** to switch to "PA ON" for kPa. *[Figure 2.1]*
4. Press **SET/8** to confirm your desired unit.

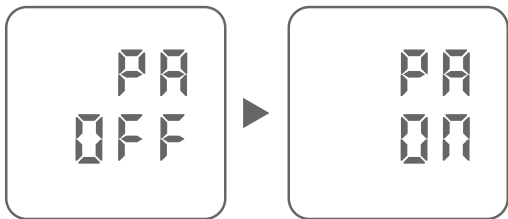


Figure 2.1

Before Measurement

- If the monitor is being used by multiple people, wash hands before each measurement.
- Sit on a chair with your feet flat on the floor and your arms on the table so the cuff is level with your heart. *[Figure 3.1]*

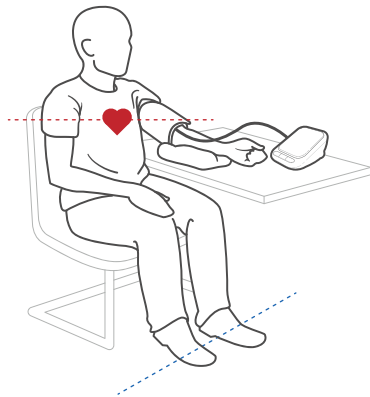


Figure 3.1

- Remove any clothing that fits closely to your upper arm.
- Sit for at least 5 minutes in a comfortable, secure environment before measurement.
- Your blood pressure should be measured sitting down. Take note if your blood pressure is taken in a different position.
- Take measurements on both arms the first time you use the monitor to make sure it is calibrated and both readings are similar.
- Take measurements on the same arm (normally left).
- Avoid any electromagnetic interference when taking measurements.
- Avoid flexing arm muscles or trying to support your arm, as this can increase blood pressure. Use a cushion for support if necessary.
- If the arm artery lies considerably lower or higher than the heart, the measurement may be incorrect. Each 9.8-11.8 in / 25-30 cm difference in height between your heart and the cuff results in a measurement error of 10 mmHg.
- **Only** use the included cuff.
- A loose or improperly fitted cuff will result in incorrect measurements.

Caution

- **Do not** measure blood pressure until at least 30 minutes after physical activity. **Do not** smoke or drink stimulating beverages, such as coffee or alcohol before measurement.
- Blood pressure should be measured at intervals of no less than 3 minutes, depending on your physical condition.
- People with arrhythmia and/or arteriosclerosis should be measured by medical staff for a professional diagnosis.
- Avoid pressing the cuff to your body when taking measurements.

Using the Blood Pressure Monitor

Note: Before first use, fully charge the blood pressure monitor (see **Charging the Battery**, page 21).

1. Rest in a comfortable area for at least 5 minutes before measuring to ensure the best results.
2. Plug the air plug into the air port. Make sure the air plug is completely inserted to avoid air leaking.

Note: Your upper arm should be bare or wearing only thin material.

3. Place the cuff on your upper left arm with the air hose on the inside of your arm. The band should not be wrapped too tightly (leave space to insert about 2 fingers) and the lower edge of the cuff should be about 0.8-1.2 in / 2-3 cm away from your elbow. [\[Figure 4.1\]](#)

Using the Blood Pressure Monitor (cont.)

4. Select a user (see page 14).
5. Place your arms on a surface so the cuff is at the same level as your heart. Your arms should be in a relaxed, natural position.
6. Press **START/STOP** to begin measuring. Relax and avoid moving or talking while measuring. When the measuring is finished, the results will display.
7. Wait 3 minutes before taking a second measurement, if necessary.

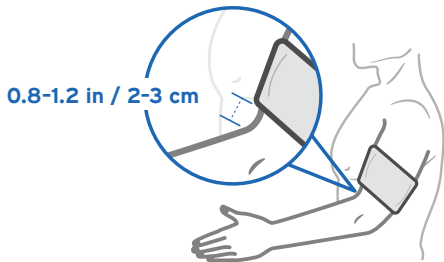









Figure 4.1

Note:


- Press **START/STOP** at any time to stop measuring.
- If the cuff causes any increased discomfort, immediately press **START/STOP** to turn off the monitor.
- Wait at least 3 minutes before measuring again.
- After taking a measurement and showing the reading, the monitor will turn off after 1 minute of inactivity.
- **Only** use the air plug to connect or disconnect the arm cuff. **Do not** pull on the air hose to disconnect from the air port.
- If the monitor cannot read your blood pressure on your left arm, measure on your right arm.

Display Readings

Symbol	Solution
	Air may be leaking or pulse may be too weak. Reattach the cuff and remeasure.
	Blood pressure cannot be detected due to interference. Make sure you are seated and positioned correctly before testing again.
	The measurement result is not correct. Remeasure.
	Inflation has failed. Check the cuff and remeasure again.
	Air pressure is too high. Remeasure.
	Charge the monitor with the provided Type-C USB charging cable.
	Remove the arm cuff and wait 2-3 minutes before taking another measurement. If this error continues to appear, contact your physician.

Maintenance

Charging the Battery

The blood pressure monitor comes with a rechargeable Li-ion battery inside. Use the included Type-C USB cable to charge the monitor.  will flash on the screen when the monitor needs to be charged.

1. Insert the USB charging cable into the USB charging socket on the monitor.
2. Plug the USB charging cable into a DC 5V adapter and plug into an outlet. *[Figure 5.1]* You can also plug the cable into a powered USB outlet.
3. The monitor is fully charged when the indicator turns solid green.

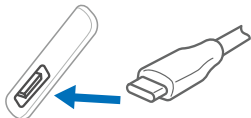


Figure 5.1

Note:

- Charging may take 3-4 hours.
- Every 2 months (or when battery life is significantly shorter), optimize battery performance.
- Battery life depends on the frequency and time of use. If battery life is unusually reduced, contact **Customer Support** (see page 35).
- **Only** use a Type-C USB charging cable to charge the monitor.
- **Do not** use the monitor while charging.
- In extreme conditions, the battery may leak corrosive fluid. If this comes into contact with eyes or skin, rinse immediately with water and seek medical attention.

Optimizing Battery Performance

For best results allow the monitor to go through 2 full charge and use cycles.

1. Fully charge the battery.
2. Use the monitor and allow the battery to drain until the monitor shuts off.
3. Repeat steps 1 and 2 a second time.

Cleaning the Monitor

1. Turn the monitor off and disconnect the arm cuff.
2. Wipe gently with a damp cloth and wipe dry immediately.

Note:

- **Do not** use chemicals or detergents to clean the monitor.
- **Do not** let water get into the monitor.

Storage

- Turn the monitor off and unplug the air plug from the air port.
- Place the cuff and the machine in the storage bag.

Note: Do not roll or fold the air hose or cuff too tightly.

- **Do not** store in wet, damp, or humid places.
- **Do not** store in any place that is tilted, vibrates, or can damage the monitor.
- **Do not** store near chemicals or corrosive gases.
- Keep away from heat sources and direct sunlight.
- **Do not** store in places that can be easily reached by children.
- **Do not** leave the monitor exposed to any chemical solvent, lint, or dust.
- When not in use for a long period of time, recharge the battery monthly.

Frequently Asked Questions

Why are my blood pressure readings different?

- The area you are in as well as your mental and physical state both factor into your readings. Your readings may come out lower when you are at home and at peace as compared to when you are at the hospital and feeling nervous.
- If the cuff position is higher or lower than the heart, the blood pressure reading may be inaccurate. Make sure the cuff is 0.8-1.2 in / 2-3 cm away from your elbow.
- The cuff may be too loose, causing the blood pressure reading to be too high. Tighten the cuff on your arm.
- Your sitting posture, such as bending over or sitting cross-legged, can raise your blood pressure. Sit in a chair with your arms elevated on a table (see **Before Measurement**, page 16).

Why are the blood pressure readings different every time I measure?

- Your blood pressure will vary throughout the day, even if it is measured every 10 seconds. It will fluctuate for a variety of reasons. Eating, drinking, smoking, bathing, and even your mood can all affect your blood pressure.

Why does my arm ache or feel numb after taking my blood pressure?

- The cuff will inflate to compress your arm to briefly stop the flow of blood. This may cause temporary numbness and discomfort. Once the cuff is removed, allow your arm to rest.

Why is the cuff not inflating?

- Air may be leaking. Check to make sure the air plug is inserted in the air port and the air hose does not have holes or punctures.

If your problem is not listed, please contact **Customer Support** (see page 35).

Glossary of Symbols



Electrical devices are recyclable material and should not be disposed of with household waste after their useful life. Help us protect the environment and save resources by taking this device to the appropriate collection point. Please contact the organization which is responsible for waste disposal in your area if you have any questions.



Type BF Applied Part



Refer to instruction manual



The name and the address of the manufacturer



Date of manufacture



Storage humidity range:

Lower limit: 15%RH

Upper limit: 93%RH



Temperature limit:

Lower limit: -20°C

Maximum: 55°C



CAUTION: This alert identifies hazards that may cause minor personal injury, product damage, or property damage.



WARNING: This alert identifies hazards that may cause serious personal injury or death.

IMPORTANT INFORMATION REGARDING ELECTROMAGNETIC COMPATIBILITY (EMC)

- This product needs special precautions regarding electromagnetic compatibility (EMC) and needs to be installed and put into service according to the EMC information provided, and this unit can be affected by portable and mobile radiofrequency (RF) communications equipment.
- **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.
- This unit has been thoroughly tested and inspected to assure proper performance and operation.
- **Caution:** This machine should not be used adjacent to or stacked with other equipment and if adjacent or stacked use is necessary, this machine should be observed to verify normal operation in the configuration in which it will be used.

Guidance and Manufacturer's Declaration - Electromagnetic Emission

The EBP-UA5 Upper-Arm Blood Pressure Monitor is intended for use in the electromagnetic environment specified below. The customer or the user of the EBP-UA5 Upper-Arm Blood Pressure Monitor should assure that it is used in such an environment.

Emissions Test	Compliance	Electromagnetic Environment - Guidance
RF emissions CISPR 11	Group 1	The EBP-UA5 Upper-Arm Blood Pressure Monitor uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The EBP-UA5 Upper-Arm Blood Pressure Monitor is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	N/A	
Voltage fluctuations/ flicker emissions IEC 61000-3-3	N/A	

Guidance and Manufacturer's Declaration - Electromagnetic Immunity - for all EQUIPMENT and SYSTEMS

The EBP-UA5 Upper-Arm Blood Pressure Monitor is intended for use in the electromagnetic environment specified below. The customer or the user of the EBP-UA5 Upper-Arm Blood Pressure Monitor should assure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact ± 15 kV air	± 8 kV contact ± 15 kV air	Floors should be wood, concrete, or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Electrical fast transient/burst IEC 61000-4-4	± 2 kV for power supply lines	N/A	Mains power quality should be that of a typical commercial or hospital environment.
Surge IEC 61000-4-5	± 1 kV differential mode	N/A	Mains power quality should be that of a typical commercial or hospital environment.

<p>Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11</p>	<p>0 % U_T ; 0.5 cycle At 0°,45°,90°,135°, 180°,225°,270°and 315° 0 % U_T; 1 cycle and 70 % U_T; 25/30 cycles Single phase: at 0° 0 % U_T; 250/300 cycle</p>	<p>N/A</p>	<p>Mains power quality should be that of a typical commercial or hospital environment. If the user of the EBP-UA5 Upper-Arm Blood Pressure Monitor requires continued operation during power mains interruptions, it is recommended that the EBP-UA5 Upper-Arm Blood Pressure Monitor be powered from an uninterruptible power supply or a battery.</p>
<p>Power frequency (50/60 Hz) magnetic field IEC 61000-4-8</p>	<p>30 A/m</p>	<p>N/A</p>	<p>Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.</p>

Note: U_T is the a.c. mains voltage prior to application of the test level.

Guidance and Manufacturer's Declaration - Electromagnetic Immunity - for all EQUIPMENT and SYSTEMS that are not LIFE-SUPPORTING

The device is intended for use in the electromagnetic environment specified below. The customer or the user of the device should assure that it is used in such an environment.

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment - Guidance
<p>Conducted RF IEC 61000-4-6</p>	<p>3 V rms 150 kHz to 80 MHz 6 V in ISM bands between 0,15 MHz and 80 MHz</p>	<p>N/A</p>	<p>Portable and mobile RF communications equipment should be used no closer to any part of the EBP-UA5 Upper-Arm Blood Pressure Monitor, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</p> <p>Recommended separation distance:</p> $d = \left[\frac{3.5}{F_1} \right] \sqrt{P}$ $d = \left[\frac{3.5}{F} \right] \sqrt{P} \quad 80 \text{ MHz to } 800 \text{ MHz}$ $d = \left[\frac{3}{F_1} \right] \sqrt{P} \quad 800 \text{ MHz to } 2.7 \text{ GHz}$
<p>Radiated RF IEC 61000-4-3</p>	<p>10V/m 80 MHz to 2.7 GHz</p>	<p>10V/m 80 MHz to 2.7 GHz</p>	<p>where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in meters (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range.</p>

Interference may occur in the vicinity of equipment marked with the following symbol:



Note 1: At 80 MHz and 800 MHz, the higher frequency range applies.

Note 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

- A.** Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the EBP-UA5 Upper-Arm Blood Pressure Monitor is used exceeds the applicable RF compliance level above, the EBP-UA5 Upper-Arm Blood Pressure Monitor should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as reorienting or relocating the EBP-UA5 Upper-Arm Blood Pressure Monitor.
- B.** Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3V/m.

Recommended separation distances between portable and mobile RF communications equipment and the EBP-UA5 Upper-Arm Blood Pressure Monitor

The EBP-UA5 Upper-Arm Blood Pressure Monitor is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the EBP-UA5 Upper-Arm Blood Pressure Monitor can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the EBP-UA5 Upper-Arm Blood Pressure Monitor as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150 kHz to 80 MHz	80 MHz to 800 MHz	80 MHz to 2.7 GHz
	$d = \left[\frac{3.5}{V_1} \right] \sqrt{P}$	$d = \left[\frac{3.5}{E_1} \right] \sqrt{P}$	$d = \left[\frac{7}{E_1} \right] \sqrt{P}$
0.01	N/A	0.035	0.07
0.1	N/A	0.11	0.22
1	N/A	0.35	0.7
10	N/A	1.11	2.21
100	N/A	3.5	7

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in meters (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

Note 1: At 80 MHz and 800 MHz, the higher frequency range applies.

Note 2: These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

FCC Statement

- This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Warranty Information

Product Name	Upper-Arm Blood Pressure Monitor
Model	EBP-UA5
Default Warranty Period	1 year
<i>For your own reference, we strongly recommend that you record your order ID and date of purchase.</i>	
Order ID	
Date of Purchase	

Terms & Policy

Etecity Corporation warrants all products to be of the highest quality in material, craftsmanship, and service, effective from the date of purchase to the end of the warranty period.

Etecity Corporation will replace any product found to be defective due to manufacturer flaws based on eligibility. Refunds are available within the first 30 days of purchase. Refunds are only available to the original purchaser of the product. This warranty extends only to personal use and does not extend to any product that has been used for commercial, rental, or any other use for which the product is not intended. There are no warranties other than the warranties expressly set forth with each product.

This warranty is non-transferrable. Etecity Corporation is not responsible in any way for any damages, losses, or inconveniences caused by equipment failure or by user negligence, abuse, or use noncompliant with the user manual or any additional safety or use warnings included in the product packaging and manual.

This warranty does not apply to the following:

- Damage due to abuse, accident, alteration, misuse, tampering, or vandalism.
- Improper or inadequate maintenance.
- Damage in return transit.
- Unsupervised use by children under 18 years of age.

Etecity Corporation and its subsidiaries assume no liability for damage caused by the use of the product other than for its intended use or as instructed in the user manual. Some states do not allow this exclusion or limitation of incidental or consequential losses so the foregoing disclaimer 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.

ALL EXPRESSED AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.

Warranty Information (cont.)

Extend Your Warranty by 1 Year

Register your product at www.etekcity.com/warranty to extend your 1-year warranty by an additional year.

Please fill out all required fields and include your order ID, place of purchase, and purchase date, if applicable.

Defective Products & Returns

If you discover your product is defective within the specified warranty period, please contact Customer Support via support@etekcity.com with a copy of your invoice and order ID. **DO NOT** dispose of your product before contacting us. Once our Customer Support Team has approved your request, please return the product with a copy of the invoice and order ID.

Customer Support

If you have any questions or concerns about your new product, please contact our helpful Customer Support Team.

Distributed by Etekcitec Corporation

1202 N. Miller St., Suite A
Anaheim, CA 92806

Email: support@etekcity.com

Toll-Free: (855) 686-3835

Support Hours

Monday–Friday
9:00 am–5:00 pm PST/PDT

**Please have your invoice and order ID ready before contacting Customer Support.*



Manufacturer: Alicn Medical Shenzhen, Inc.

Address: 4/F, B Building, Shenfubao Modern Optical Factory, Kengzi Street, Pingshan District, Shenzhen, Guangdong, China

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