

AQESO U80BH

AQESO U80BH Upper Arm Blood Pressure Monitor Instruction Manual

Model: U80BH

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1. SAFETY INFORMATION

This blood pressure monitor is intended for home use. Always consult with a healthcare provider to interpret your readings. Do not self-diagnose or treat medical conditions based solely on the measurements from this device.

- **Contraindications:** This product cannot be used in patients with severe heart insufficiency to avoid suffocation and death. It is not suitable for infants and children.
- **Important Notes:**
 - Measurements should be taken in a quiet state.
 - Ensure correct posture for accurate readings (sit straight, feet flat on floor, arm supported at heart level).
 - Avoid eating, smoking, exercising, or drinking caffeinated beverages for at least 30 minutes before measurement.
 - Do not dispose of electrical appliances as unsorted municipal waste. Use separate collection facilities.
 - Do not use batteries and the AC adapter at the same time.
 - The device is not rechargeable. When using the USB cable, it must be connected to a power source.
 - Only use the USB Type-C cable provided in the package.

2. PRODUCT COMPONENTS

The AQESO U80BH Blood Pressure Monitor kit includes the following items:

- 1 x AQESO U80BH Blood Pressure Monitor
- 1 x Medium/Large Cuff (9"-17" arm circumference)
- 1 x Extra Large Cuff (13"-21" arm circumference)
- 1 x Drawstring Bag
- 4 x AAA Batteries
- 1 x USB Type-C Charging Cable
- 1 x User Manual



Image: All components included in the AQESO U80BH Blood Pressure Monitor package, showing the monitor, two cuffs, carrying bag, batteries, USB cable, and user manual.

This image displays the complete kit: the main blood pressure monitor unit, two different sized cuffs (Medium/Large and Extra Large), a drawstring storage bag, four AAA batteries, a USB Type-C charging cable, and the user manual. All items are neatly arranged on a surface.

3. SETUP

3.1. Powering the Device

The AQESO U80BH monitor supports two power options:

- **AAA Batteries:** Insert the 4 provided AAA batteries into the battery compartment located on the back of the device.
- **USB Type-C Cable:** Connect the provided USB Type-C cable to the monitor's port and to a 5V 1A USB power adapter (not included). Note: The device is not rechargeable and must remain connected to a power source when using the USB cable.



Image: Illustration of the two power options for the AQESO Blood Pressure Monitor: 4 AAA batteries or a USB Type-C cable connection.

This image visually explains the two ways to power the device. On the left, it shows the battery compartment with four AAA batteries inserted. On the right, it illustrates connecting the USB Type-C cable to the monitor and a power source (adapter not included).

3.2. Setting Date and Time

Accurate date and time settings are crucial for tracking your measurements over time.

1. Ensure the machine is turned off.
2. Press the **SET** button to enter setting mode. The year will start flashing.
3. Press the **MEM** button repeatedly to adjust the year.
4. Press **SET** to confirm the year and move to month setting.
5. Repeat steps 3 and 4 to adjust the month, day, hour, and minute.
6. After setting the minute, press **SET** to confirm.
7. Press the **START/STOP** button to save the settings and exit.

Your browser does not support the video tag.

Video: How to set up date and time on the AQESO Blood Pressure Monitor.

This video demonstrates the step-by-step process of setting the date and time on the blood pressure monitor. It shows pressing the SET button to cycle through year, month, day, hour, and minute, and using the MEM button to adjust values, then START/STOP to save.

3.3. Selecting User Mode

The monitor supports two users, each with independent measurement records (up to 99 measurements per user).

1. Ensure the machine is turned off.
2. Press the **SET** button. The screen will display a user icon (User 1 or User 2).
3. Press the **MEM** button to switch between User 1 and User 2.
4. Press **SET** to confirm the selected user.
5. Press the **START/STOP** button to save the setting and exit.

Your browser does not support the video tag.

Video: How to switch between User 1 and User 2 on the AQESO Blood Pressure Monitor.

This video illustrates how to switch between the two user profiles on the blood pressure monitor. It shows pressing the SET button to enter user selection, then using the MEM button to toggle between User 1 and User 2, and finally pressing START/STOP to confirm the selection.

4. OPERATING INSTRUCTIONS

4.1. Choosing the Correct Cuff Size

Using the correct cuff size is essential for accurate readings. Measure your upper arm circumference at the midpoint between your elbow and shoulder.

Cuff Size Guide

Arm Circumference	Cuff Size
9" - 17" (22-43 cm)	Medium/Large
13" - 21" (33-53 cm)	Extra Large



Image: The AQESO Blood Pressure Monitor shown with both the Medium/Large and Extra Large cuffs.

This image displays the main blood pressure monitor unit alongside both the Medium/Large and Extra Large cuffs, highlighting the flexibility for different arm sizes.

SIZE MATTERS

Cuff Size Wrong Results in Wrong Readings

7-9 Inches

Small Cuff

9-13 Inches

Standard Cuff ✓

13-17 Inches

Large Cuff ✓

17-21 Inches

XL Cuff ✓

Cuff Too Small



Falsely High Reading

Cuff Too Large



Falsely Low Reading



AQESO WIDE-RANGE CUFFS SOLUTION



Medium/Standard



Large



X-Large

Image: Visual guide explaining how incorrect cuff size can lead to inaccurate blood pressure readings.

This graphic illustrates why proper cuff sizing is critical. It shows that a cuff that is too small can result in falsely high readings, while a cuff that is too large can lead to falsely low readings. It also depicts arms of medium/standard, large, and extra-large sizes, indicating the appropriate cuff for each.

4.2. Applying the Cuff

1. Connect the cuff's air tube securely to the air socket on the side of the monitor.
2. Sit comfortably with your back straight and supported, feet flat on the floor, and legs uncrossed.
3. Place your arm on a flat surface, palm facing up, ensuring your arm is at heart level.
4. Slide the correct size cuff onto your bare upper left arm, approximately 1-2 cm above the elbow joint. The air tube should run down the center of your arm.
5. Ensure the cuff is snug but not too tight (you should be able to insert two fingers between the cuff and your arm).

ARM BLOOD PRESSURE MONITOR



Clinically Accurate
& Fast Reading



One-button
Operation



2 User w/
Up to 99 readings



Super Large
Display w/ Backlit



2 Size Cuffs
9"-17" & 13"-21"



WHO Classification
Indicator

Image: Diagram illustrating the correct posture and cuff placement for accurate blood pressure readings.

This image provides a visual guide on how to correctly position yourself and the cuff for a blood pressure measurement. It shows a person sitting upright with their back supported, feet flat on the floor, and the arm resting on a table at heart level, with the cuff properly placed on the upper arm.

4.3. Taking a Measurement

1. Once the cuff is correctly applied and you are in the proper posture, press the **START/STOP** button.
2. The cuff will automatically inflate and then slowly deflate.
3. Your systolic, diastolic, and pulse rate will be displayed on the large backlit LCD screen.
4. The monitor will automatically store the reading under the selected user profile.
5. The color indicator light on the monitor will show your blood pressure category (Green for Normal, Yellow for High-Normal, Red for Serious Pressure).



ADVANCED CORE DATA ANALYSIS ALGORITHM

Accuracy Specifications:

- Pressure: ± 3 mmHg
- Pulse value: $\pm 5\%$ of reading

Note: This data is based on laboratory tests and factory inspection results. Actual measurements may vary due to various factors.

Image: The AQESO Blood Pressure Monitor displaying a measurement on its large backlit LCD screen, with a finger pressing the START/STOP button.

This image shows the blood pressure monitor in operation, with a hand pressing the START/STOP button. The large, backlit LCD screen clearly displays the systolic and diastolic readings, along with the pulse rate. The green indicator light is also visible, signifying a normal blood pressure reading.

4.4. Reviewing Stored Measurements

To review previous measurements for the currently selected user:

1. Ensure the machine is turned off.
2. Press the **MEM** button. The most recent reading will be displayed.
3. Press **MEM** again to cycle through older readings.
4. To exit memory mode, press the **START/STOP** button or wait for the device to automatically turn off.

5. MAINTENANCE

- **Cleaning:** Wipe the monitor and cuff with a soft, dry cloth. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in the provided drawstring bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace all four AAA batteries when the low battery indicator appears on the screen. If the device will not be used for an extended period (e.g., 3 months or more), remove the batteries to prevent leakage.
- **Cuff Care:** Ensure the cuff is not twisted or kinked during storage. Avoid sharp objects that could puncture the cuff.

6. TROUBLESHOOTING

If you encounter issues with your AQESO U80BH Blood Pressure Monitor, refer to the table below for common solutions:

Common Issues and Solutions

Problem	Possible Cause	Solution
Inaccurate readings	Incorrect cuff size or placement, improper posture, movement during measurement.	Ensure correct cuff size, proper cuff placement (1-2 cm above elbow, tube centered), maintain correct posture, and remain still during measurement. Avoid talking.
Device does not power on	Dead batteries, incorrect battery insertion, loose USB cable connection.	Replace batteries with new ones, ensure batteries are inserted with correct polarity, check USB cable connection, or try a different power source.
Cuff does not inflate/deflate properly	Air tube not securely connected, air leakage from cuff, damaged cuff.	Check that the air tube is firmly connected to the monitor. Inspect the cuff for any damage or leaks. If damaged, replace the cuff.
Error message on display	Various operational errors.	Refer to the detailed error code section in the full user manual for specific instructions. Generally, restart the measurement after ensuring proper setup.

7. SPECIFICATIONS

- **Model:** U80BH
- **Brand:** AQESO

- **Measurement Method:** Oscillometric
- **Measurement Range:**
 - Pressure: 0-299 mmHg
 - Pulse: 40-199 beats/minute
- **Accuracy:**
 - Pressure: ± 3 mmHg
 - Pulse: $\pm 5\%$ of reading
- **Cuff Sizes:**
 - Medium/Large: 9"-17" (22-43 cm)
 - Extra Large: 13"-21" (33-53 cm)
- **Memory:** 2 users, 99 measurements per user
- **Power Source:** 4 x AAA batteries or USB Type-C (5V 1A adapter not included)
- **Display:** Large Backlit LCD
- **Dimensions:** 5.1"L x 4.1"W x 2"Th
- **Manufacturer:** Shenzhen Urion Technology Co., Ltd. AQESO
- **GTIN/UPC:** 792105342573

8. WARRANTY & SUPPORT

For warranty information, product support, or service inquiries, please refer to the contact details provided in the full user manual or visit the official AQESO website.

Return Policy: This product typically has a 30-day return/replacement policy. Please check with your retailer for specific details.