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Acenis BP-Monitor30G+

Acenis Automatic Blood Pressure Monitor User Manual

Model: BP-Monitor30G+

1. Introduction

Thank you for choosing the Acenis Automatic Blood Pressure Monitor. This device is designed for accurate and reliable blood pressure measurements for home use. It features a large 4-color LCD screen, an adjustable cuff, and detection for irregular heartbeats and hypertension. Please read this manual thoroughly before using the device to ensure proper operation and accurate readings.



Figure 1.1: Acenis Automatic Blood Pressure Monitor and Cuff.

2. Safety Information

- Consult your physician before using this device if you have any medical conditions.
- Do not use this device for diagnosis or treatment of any health problem or disease. Always consult a medical professional for diagnosis and treatment.
- Keep the device out of reach of children and pets.
- Do not disassemble or attempt to repair the device yourself. Refer to qualified service personnel.
- Avoid using the device in environments with strong electromagnetic fields.
- Do not use the device on an injured arm or an arm undergoing medical treatment.
- Measurements should be taken in a quiet environment, after resting for at least 5 minutes.

3. Package Contents

Please check the package contents to ensure all items are present and undamaged:

- Acenis Blood Pressure Monitor Unit
- Adjustable Arm Cuff
- USB-C Cable (for power, not charging)
- Storage Bag
- User Manual (this document)

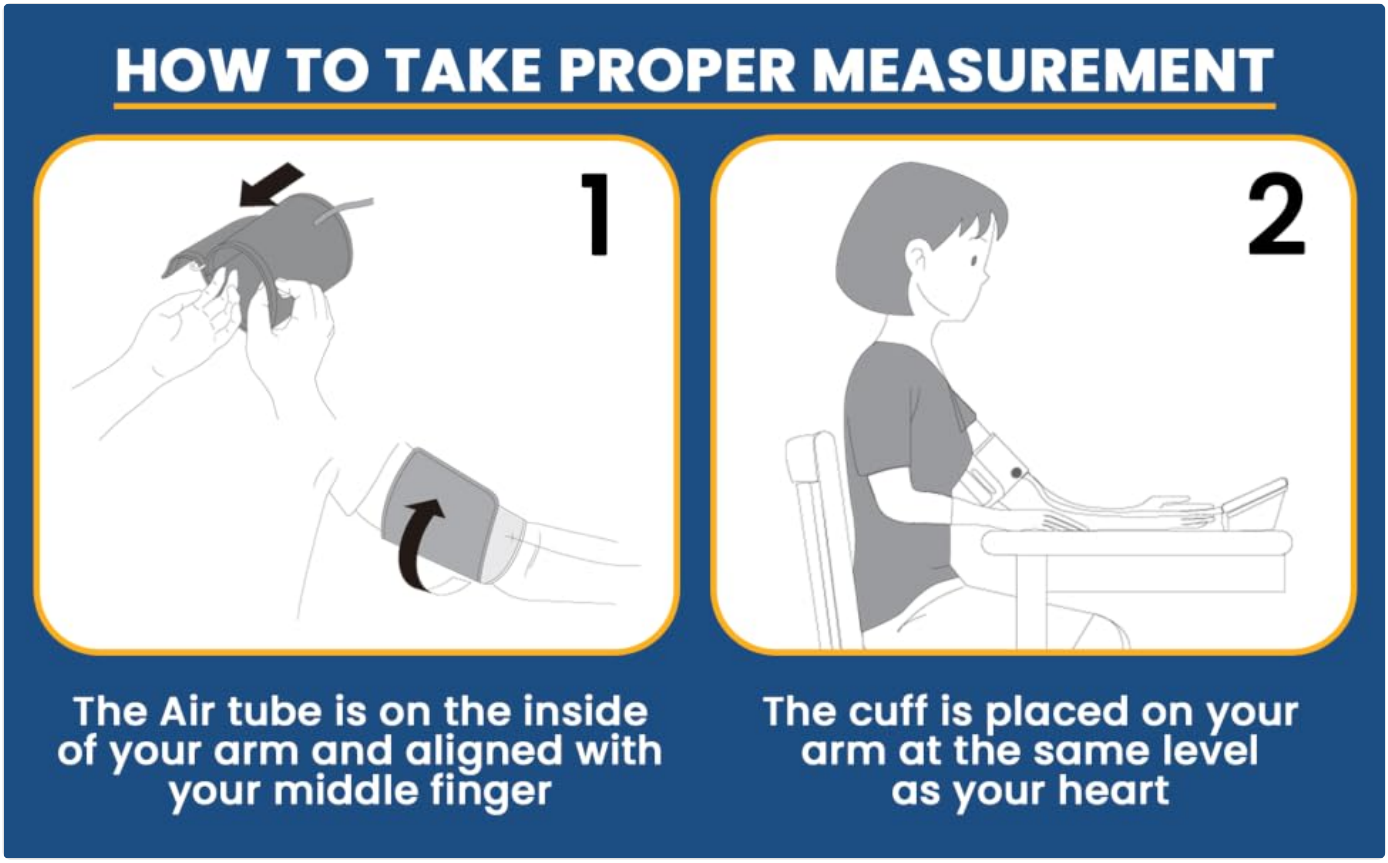


Figure 3.1: Included items in the product package.

4. Product Features and Components

The Acenis Blood Pressure Monitor is equipped with several features for ease of use and accurate monitoring:

- **4.2-inch HD LCD Screen:** Provides clear, large readings.
- **4-Color Backlit Display:** Color-coded readings (Green for Normal, Yellow for Mild High Blood Pressure/Hypertension, Red for High Blood Pressure) for easy interpretation.
- **One-Button Operation:** Simplifies the measurement process.
- **2 Users x 199 Memories:** Stores up to 199 readings for two individual users, allowing for long-term tracking.
- **"Cuff Worn" Indicator:** Ensures proper cuff placement for accurate results.
- **Irregular Heart Beat Indicator:** Alerts users to potential irregular heart rhythms.
- **"Keep Still" Indicator:** Guides users to remain still during measurement for accuracy.
- **Auto Shut-down:** Conserves battery life.
- **Power Options:** Can be powered by dry batteries or via USB-C cable (not for charging internal battery).

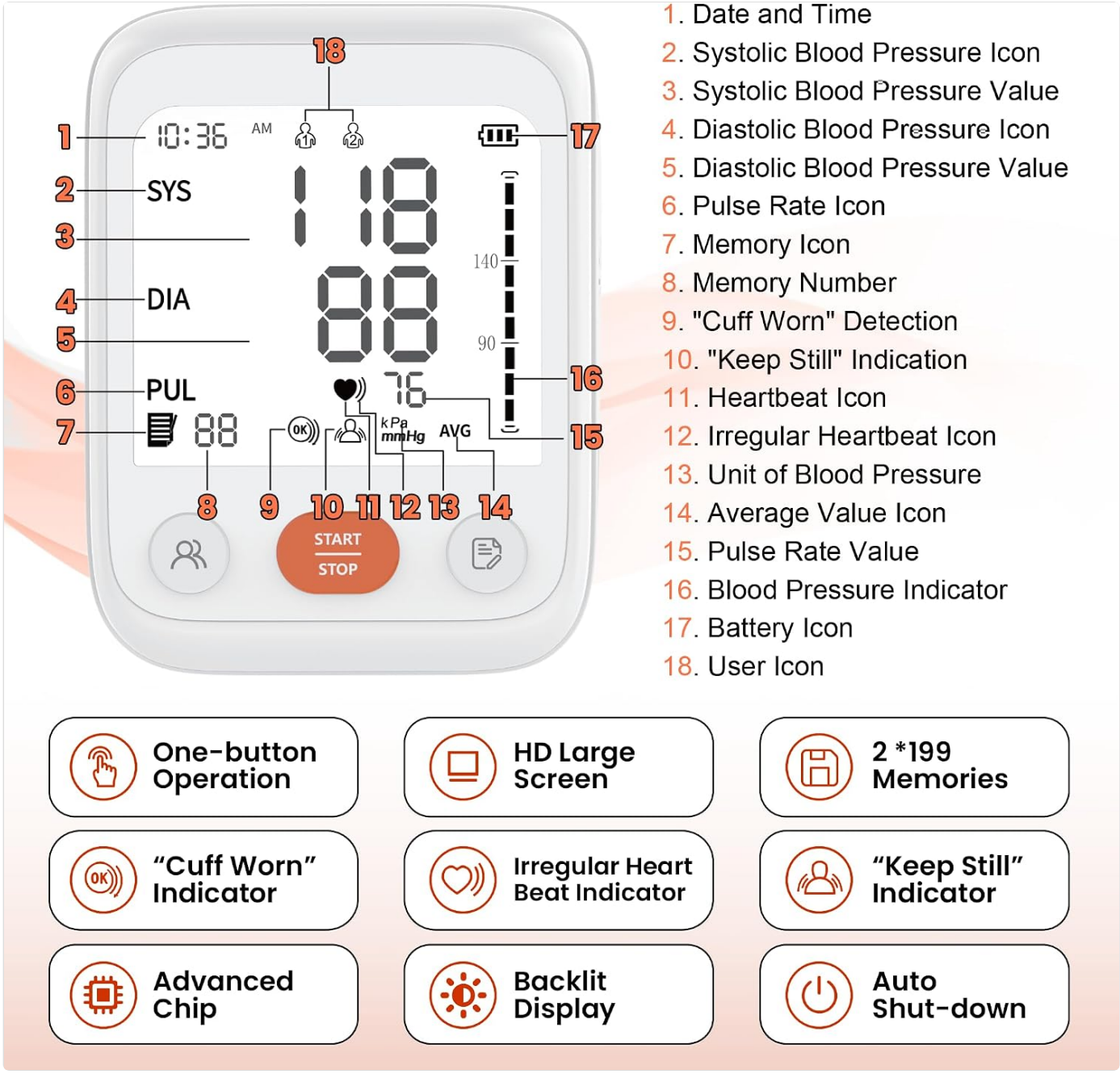


Figure 4.1: Detailed view of the monitor's display and indicators.

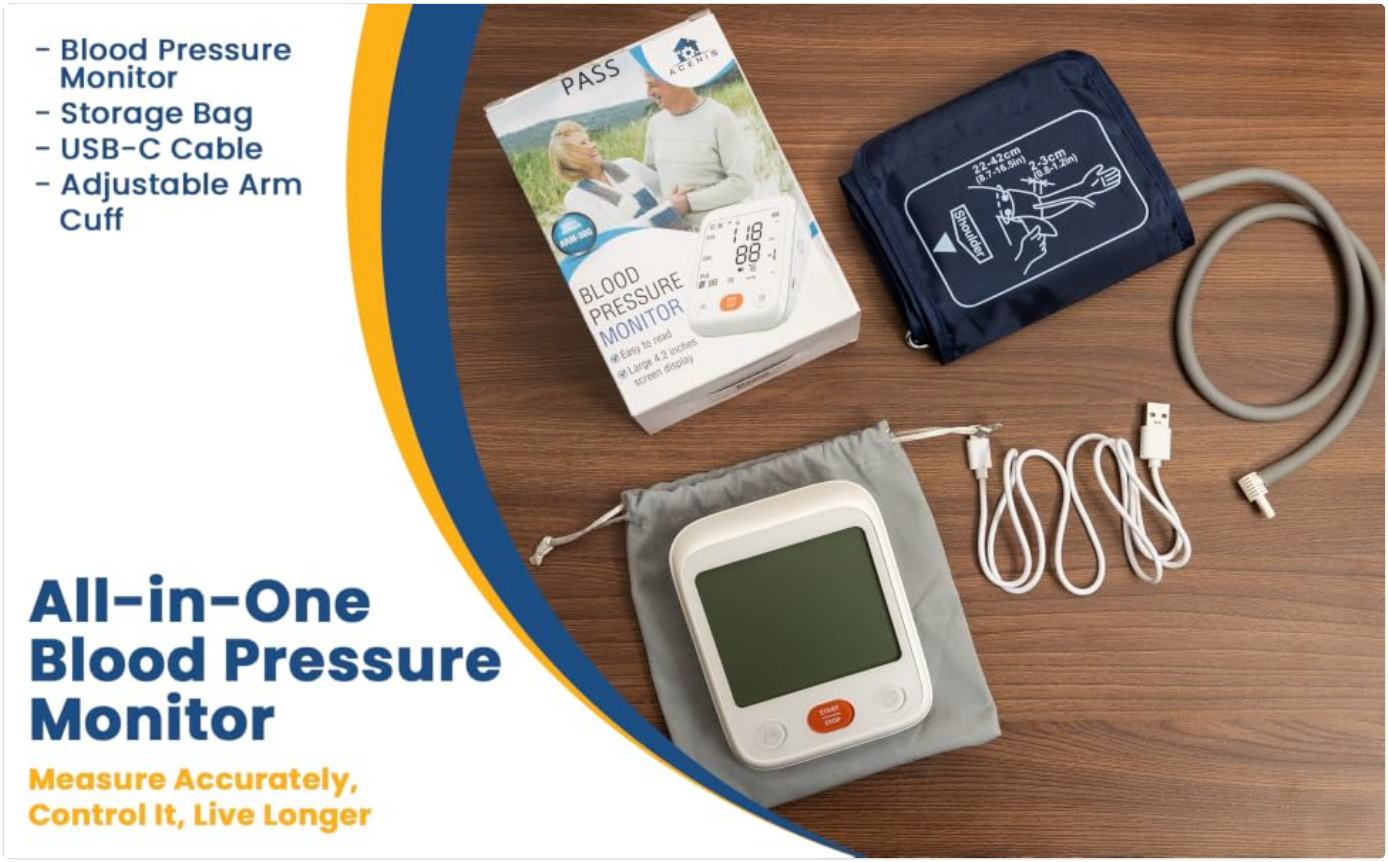


Figure 4.2: The 4-color backlit display for easy reading interpretation.

5. Setup

5.1 Power Supply

The monitor can be powered by 4 AAA batteries (included) or via the provided USB-C cable connected to a compatible power source (e.g., computer USB port, USB wall adapter). Note that the USB-C cable provides power but does not charge internal batteries.

1. **Battery Installation:** Open the battery compartment cover on the back of the unit. Insert 4 AAA batteries, ensuring correct polarity (+/-). Close the cover securely.
2. **USB-C Power:** Connect the USB-C cable to the port on the side of the monitor and the other end to a power source. If using both batteries and USB-C, it is recommended to remove batteries when using the USB-C cable for power.



Figure 5.1: Power supply options: batteries and USB-C connection.

5.2 Cuff Connection

Insert the air tube connector from the arm cuff firmly into the air jack on the side of the monitor unit.

5.3 Setting Date and Time

Refer to the detailed instructions in the full user manual for setting the date and time. This ensures accurate recording of your measurement history. Note that date and time settings may need to be reset if power is completely disconnected (e.g., batteries removed and USB-C unplugged).

6. Operating Instructions

6.1 Preparing for Measurement

- Avoid eating, drinking alcohol, smoking, exercising, or bathing for 30 minutes before measurement.
- Rest for at least 5 minutes before taking a measurement.
- Sit in a comfortable position with your back supported and feet flat on the floor.
- Place your arm on a table so the cuff is at heart level.

6.2 Applying the Arm Cuff

Proper cuff placement is crucial for accurate readings:

1. Slide your arm through the cuff loop. The air tube should run down the inside of your arm, aligned with your middle finger.
2. Wrap the cuff snugly around your bare upper arm, about 1-2 cm above the elbow joint. Ensure it is not too tight or too loose.
3. The "Cuff Worn" indicator on the display will help confirm correct placement.



Figure 6.1: Correct cuff application and body posture for measurement.

6.3 Taking a Measurement

1. Once the cuff is correctly applied and you are in the proper position, press the **START/STOP** button.
2. The cuff will begin to inflate. Remain still and silent during the measurement. The "Keep Still" indicator will guide you.
3. Once the measurement is complete, the cuff will deflate, and your Systolic (SYS), Diastolic (DIA), and Pulse (PUL) readings will be displayed on the screen.
4. The screen will illuminate in one of four colors to indicate your blood pressure category:
    - **White:** Standby
    - **Green:** Normal Blood Pressure
    - **Yellow:** Mild High Blood Pressure or Hypertension
    - **Red:** High Blood Pressure
5. If an irregular heartbeat is detected, the Irregular Heartbeat Icon will appear on the display. Consult your physician if this occurs frequently.



Figure 6.2: One-touch operation for accurate measurements.



Figure 6.3: Simple one-button measurement process.

6.4 Memory Function

The device can store up to 199 readings for two separate users (User 1 and User 2). To switch between users or view past readings, refer to the specific instructions in the full user manual. This feature allows you to track your blood pressure trends over time.



Figure 6.4: Tracking blood pressure changes with 2 users and 199 memories.

7. Maintenance

- **Cleaning:** Wipe the monitor and cuff with a soft, dry cloth. If necessary, use a slightly damp cloth with mild soap, then wipe dry. Do not use abrasive cleaners or immerse the device in water.
- **Storage:** Store the device in its storage bag in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity.
- **Battery Replacement:** Replace all batteries when the low battery indicator appears on the display. Remove batteries if the device will not be used for an extended period.

8. Troubleshooting

Problem	Possible Cause	Solution

Problem	Possible Cause	Solution
No display/Device won't turn on	Batteries are dead or incorrectly inserted; USB-C cable not connected properly.	Check battery polarity and replace if necessary. Ensure USB-C cable is securely connected.
Error message (e.g., "E-1")	Cuff not applied correctly, movement during measurement, or air leakage.	Re-apply cuff snugly. Remain still and silent. Check cuff and tube for damage.
Inaccurate readings	Improper cuff placement, incorrect body posture, recent activity, or talking during measurement.	Follow "Preparing for Measurement" and "Applying the Arm Cuff" guidelines carefully. Ensure cuff is at heart level.
Date/Time not retained	Complete power disconnection (batteries removed and USB-C unplugged).	Reset date and time after power interruption.

If the problem persists after attempting these solutions, please contact customer support.

9. Specifications

Model Name	AOJ-30G
Item Model Number	BP-Monitor30G+
Brand	Acenis
Product Dimensions	5.1"L x 2.4"W x 3.9"Th (5.1 x 2.4 x 3.9 inches)
Weight	1.15 Pounds
Power Source	Battery Powered (4 AAA batteries) / USB-C
Display Type	Digital, 4-Color Backlit LCD
Cuff Size	Adjustable Large Cuff
Memory	2 Users x 199 Readings each
Manufacturer	Shenzhen AOJ Medical Technology Co., Ltd
Country of Origin	USA

10. Warranty and Support

Acenis is committed to providing high-quality products. For information regarding product warranty, returns, or technical support, please refer to the warranty card included in your package or visit the official Acenis website. You may also contact customer service through the retailer where the product was purchased.
For additional protection, consider the available protection plans offered at the time of purchase.

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