Beurer BM27

Beurer BM27 Upper Arm Blood Pressure Monitor

User Manual

1. Important Safety Information

Please read this entire instruction manual carefully before using the Beurer BM27 Blood Pressure Monitor. Retain this manual for future reference.

This device is intended for measuring arterial blood pressure in adults on the upper arm. It is designed for home use and is not a substitute for medical consultation.

General Precautions:

- Consult your doctor before using the device if you have any medical conditions, especially if you are pregnant, have a pacemaker, or suffer from severe circulatory problems.
- Do not use the device on infants, children, or individuals unable to express consent.
- Measurements should always be taken at the same time each day for consistent results.
- Avoid taking measurements immediately after eating, drinking, smoking, or exercising. Rest for at least 5 minutes before measurement.
- If you experience an irregular heartbeat (arrhythmia), the device will indicate this. Consult your doctor for diagnosis and treatment.

2. Product Overview

The Beurer BM27 is an upper arm blood pressure monitor designed for accurate and convenient blood pressure measurement at home. It features an automatic adjustable cuff, 120 memory sets for up to 4 users, irregular heart rate detection, and a color-coded risk indicator.



Image: The Beurer BM27 Blood Pressure Monitor, including the main unit, cuff, and product packaging, highlighting its design and key features.

2.1. Included Components

- BM27 Blood Pressure Monitor Unit
- Universal Upper Arm Cuff (22-42 cm)
- Storage Bag
- 4 x 1.5V AAA Batteries
- Instruction Manual (this document)

3. Setup

3.1. Battery Installation

1. Open the battery compartment cover on the back of the device.
2. Insert the four 1.5V AAA batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

3.2. Connecting the Cuff

1. Locate the air tube connector on the cuff.
2. Insert the air tube connector firmly into the air socket on the left side of the blood pressure monitor unit. Ensure a snug fit to prevent air leakage during measurement.

4. Operating Instructions

4.1. Preparing for Measurement

For accurate readings, follow these guidelines:

- Sit comfortably with your back supported and feet flat on the floor.
- Ensure your arm is at heart level.
- Relax for 5 minutes before taking a measurement.
- Avoid talking or moving during the measurement.



Image: A man seated, demonstrating the correct posture and arm position for taking a blood pressure measurement with the cuff properly placed on his upper arm.

4.2. Applying the Cuff

The universal cuff fits arm circumferences from 8.7 to 16.5 inches (22-42 cm).

1. Place the cuff on your bare upper arm, approximately 0.8-1.2 inches (2-3 cm) above the elbow joint.
2. The air tube should run down the center of your arm, aligned with your middle finger.
3. Wrap the cuff snugly around your arm, ensuring it is not too tight or too loose. The automatic cuff position indicator on the display will help confirm correct placement.



Image: The Beurer BM27 monitor display, highlighting the automatic cuff position indicator, which helps ensure the cuff is correctly placed on the upper arm for precise measurements.

4.3. Taking a Measurement

1. Press the **START/STOP** button (⏻) to turn on the device.
2. The cuff will automatically inflate. Remain still and quiet during inflation and deflation.
3. Once the measurement is complete, your systolic pressure (SYS), diastolic pressure (DIA), and pulse rate (PUL) will be displayed.
4. The display will also show a color-coded risk indicator based on WHO guidelines, and an arrhythmia detection symbol if an irregular heartbeat is detected.



Image: The Beurer BM27 monitor display showing the color-coded risk indicator, which analyzes measurements to quickly and easily interpret blood pressure results according to WHO guidelines.



Image: An arm with the blood pressure cuff, illustrating the device's arrhythmia detection feature, which warns of possible cardiac arrhythmia during measurement.

4.4. Memory Function

The BM27 has 4 user profiles, each storing up to 30 readings, for a total of 120 memory sets. This allows multiple users to track their blood pressure over time.

1. To select a user profile, press the **SET** button.
2. To view stored measurements, press the **M** (Memory) button. Use the **+** and **-** buttons to navigate through the readings.

4.5. Digital Blood Pressure Pass & App Integration

The Beurer BM27 allows you to save and track your results using the "beurer HealthManager Pro" app. No Bluetooth is needed; simply scan the display results with your smartphone camera.



Image: The Beurer BM27 monitor alongside a smartphone showing the "beurer HealthManager Pro" app, illustrating the 'Scan & Save' feature for digital tracking of blood pressure readings.

5. Maintenance and Care

5.1. Cleaning the Device

Clean the monitor unit and cuff with a slightly damp cloth. Do not use abrasive cleaners or immerse the device in water. Ensure no liquid enters the device.

5.2. Storage

Store the device and cuff in the provided storage bag in a cool, dry place, away from direct sunlight, extreme temperatures, and humidity. Do not place heavy objects on the device.

5.3. Battery Replacement

When the battery indicator appears on the display, replace all four AAA batteries with new ones. Dispose of used

batteries according to local regulations.

6. Troubleshooting

Problem	Possible Cause	Solution
No display / Device does not turn on	Batteries are dead or incorrectly inserted.	Check battery polarity or replace batteries.
Error code (e.g., 'E' or specific number)	Cuff not applied correctly, movement during measurement, or air leakage.	Re-apply cuff snugly, remain still and quiet, ensure cuff tube is securely connected. Refer to the full manual for specific error codes.
Inconsistent readings	Improper measurement technique, stress, or recent activity.	Ensure proper posture and relaxation. Take measurements at the same time daily. Consult a healthcare professional if concerns persist.
Arrhythmia symbol displayed	Irregular heart rhythm detected.	This is an indication, not a diagnosis. Consult your doctor for further evaluation.

7. Specifications

- **Model:** BM27
- **Item Model Number:** 658.18
- **Product Dimensions:** 4.72 x 2.09 x 4.33 inches
- **Item Weight:** 0.75 Pounds (12 ounces)
- **Cuff Size:** Universal, fits arm circumference 8.7 - 16.5 inches (22-42 cm)
- **Memory Capacity:** 4 user profiles, 30 memory spaces per user (120 total)
- **Power Source:** 4 x 1.5V AAA Batteries (included)
- **Display Type:** LCD
- **Features:** Arrhythmia Detection, Risk Indicator, Automatic Cuff Position Indicator
- **Manufacturer:** Beurer

8. Warranty and Support

For warranty information, technical support, or service inquiries, please refer to the warranty card included with your product or visit the official Beurer website. Keep your purchase receipt as proof of purchase.

Contact Information: Please refer to the contact details provided on the product packaging or the official Beurer website for customer service.

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Ask a question about this manual

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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