Beurer BC 27

Beurer BC 27 Wrist Blood Pressure Monitor

Model: BC 27
Brand: Beurer

1. Introduction

The Beurer BC 27 Wrist Blood Pressure Monitor is designed for fully automatic blood pressure and pulse measurement on the wrist. This medical device provides accurate readings and features a colored risk indicator for easy interpretation of results, along with arrhythmia detection. Its compact and lightweight design makes it ideal for home use and travel.



Image: The Beurer BC 27 monitor is compact and lightweight, making it suitable for active lifestyles and travel.

2. Important Safety Information

- This device is intended for measuring human arterial blood pressure and pulse.
- Consult your doctor before using the device if you have any medical conditions, especially if you are pregnant, have diabetes, kidney disease, or severe circulatory problems.
- Do not use the device on infants, children, or individuals unable to express consent.
- Self-measurement is not medical treatment. Always follow your doctor's instructions.
- Keep batteries out of reach of children.

3. Package Contents

Please check that all items are present and undamaged upon unpacking:

- 1 x Beurer BC 27 Wrist Blood Pressure Monitor with integrated cuff
- 2 x AAA LR03 1.5V Batteries
- 1 x Storage Case
- 1 x User Manual

4. Device Overview



Image: Front view of the Beurer BC 27 Wrist Blood Pressure Monitor, displaying measurement results and control buttons.

Key Components:

- **LCD Display:** Shows blood pressure, pulse, date/time, and other indicators.

- **START/STOP Button:** Powers the device on/off and starts/stops a measurement.
- **Memory Buttons (M1/M2 or similar):** For selecting user profiles and recalling stored measurements.
- **Wrist Cuff:** Integrated cuff for wrist circumference 14-19.5 cm.
- **Risk Indicator Scale:** Colored scale on the left side of the display to classify blood pressure values.

5. Setup

5.1 Battery Installation

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

5.2 Setting Date and Time

After inserting batteries, the device may prompt you to set the date and time. Refer to the detailed instructions in the included user manual for specific steps on navigating the settings menu.

5.3 Applying the Wrist Cuff



Image: The wrist cuff of the Beurer BC 27, designed for wrist circumferences between 14 and 19.5 cm.

- Ensure your wrist circumference is between 14 and 19.5 cm for proper fit.
- Place the cuff on your left wrist, approximately 1-2 cm above your wrist joint.
- The display should be on the inside of your wrist.
- Tighten the cuff snugly but not too tightly. There should be enough space for two fingers to fit underneath.

6. Operating the Device

6.1 Taking a Measurement



Image: The Beurer BC 27 is designed for easy, one-button operation, making it user-friendly for all ages.

1. Sit down and relax for a few minutes before measurement.
2. Place your arm on a table so the cuff is at heart level.
3. Press the START/STOP button. The cuff will inflate automatically.
4. Remain still and do not talk during the measurement.
5. The measurement will complete automatically, and your systolic, diastolic blood pressure, and pulse rate will be displayed.
6. The device will automatically switch off after measurement.

6.2 Understanding Results: Risk Indicator



Image: The colored risk indicator on the Beurer BC 27 display helps users quickly assess their blood pressure readings against WHO guidelines.

The Beurer BC 27 features a colored risk indicator on the left side of the display. This scale classifies your blood pressure readings according to World Health Organization (WHO) guidelines, providing a quick visual assessment of your results:

- **Green:** Optimal/Normal blood pressure
- **Yellow:** Borderline high blood pressure
- **Orange/Red:** High blood pressure (Hypertension)

Always consult a healthcare professional for interpretation of your blood pressure readings.

6.3 Arrhythmia Detection



Image: The Beurer BC 27 includes an arrhythmia detection feature, alerting users to potential irregular heartbeats during measurement.

This device can identify potential disturbances in heart rhythm (arrhythmia) during measurement. If an arrhythmia is detected, a specific symbol will appear on the display. If this symbol appears frequently, please consult your doctor.

7. Memory Functions



Image: The Beurer BC 27 offers 2 user profiles, each with 60 memory slots, allowing multiple users to track their readings.

The Beurer BC 27 offers 60 memory slots for two different users (User 1 and User 2). This allows for long-term tracking of blood pressure values.

- **Storing Measurements:** Each measurement is automatically stored in the selected user profile.
- **Recalling Measurements:** Use the memory buttons (e.g., M1 or M2) to scroll through stored readings.
- **Average Value Calculation:** The device calculates an average value from all stored readings, as well as morning and evening blood pressure averages for the last 7 days.

8. Maintenance and Care

- Clean the device and cuff with a slightly damp cloth. Do not use abrasive cleaners or immerse the device in water.
- Store the device in its protective storage case when not in use to prevent damage.
- Avoid exposing the device to extreme temperatures, humidity, dust, or direct sunlight.

- Remove batteries if the device will not be used for an extended period.

9. Troubleshooting

Problem	Possible Cause	Solution
Device does not turn on	Batteries are dead or incorrectly inserted.	Replace batteries or check polarity.
Error message on display	Cuff not applied correctly, movement during measurement, or technical error.	Re-apply cuff, remain still, or consult the full manual for specific error codes.
Inconsistent readings	Incorrect measurement posture, talking during measurement, or recent physical activity.	Ensure proper posture, relax before measurement, and avoid talking. Take multiple readings.

For more detailed troubleshooting, refer to the complete user manual provided with your device.

10. Specifications

- **Model Name:** Beurer BC 27
- **Item Model Number:** 65904
- **Measurement Method:** Oscillometric, non-invasive blood pressure measurement on the wrist
- **Wrist Circumference:** 14 to 19.5 cm
- **Measurement Range:**
  - Systolic: 0-300 mmHg
  - Diastolic: 0-300 mmHg
  - Pulse: 40-199 beats/minute
- **Accuracy:**
  - Blood Pressure: ±3 mmHg
  - Pulse: ±5% of displayed value
- **Memory:** 2 users x 60 memory spaces
- **Display:** LCD
- **Power Source:** 2 x 1.5V AAA batteries (included)
- **Automatic Switch-off:** Yes
- **Product Dimensions (L x W x H):** 11.5 x 10 x 10.2 cm
- **Net Product Weight:** 92 Grams (without batteries)
- **Included Components:** Monitor with cuff, 2 AAA batteries, storage case, user manual.

11. Support and Warranty Information

For detailed 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.

Manufacturer: Beurer GmbH, Söflinger Straße 218, 89077 Ulm, Germany

Website: www.beurer.com

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