Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Beurer BC28

Beurer BC28 Automated Wrist Blood Pressure Monitor User Manual

Model: BC28 (650.44)

1. Introduction

This user manual provides essential information for the safe and effective operation of your Beurer BC28 Automated Wrist Blood Pressure Monitor. Please read these instructions carefully before first use and keep them for future reference. This device is designed for fully automatic blood pressure and pulse measurement on the wrist for adults.

2. Safety Information

- Consult your doctor before using the device if you have any medical conditions, especially if you are pregnant, have diabetes, kidney disease, or severe arteriosclerosis.
- Blood pressure measurements taken at home are for informational purposes only and should not replace medical advice. Always consult your doctor for diagnosis and treatment.
- Do not use the device on infants, children, or individuals unable to express consent.
- Ensure the wrist circumference is within the specified range (14.0 to 19.5 cm) for accurate readings.
- Do not use the device in areas with strong electromagnetic fields.
- Only use the batteries specified in the technical specifications.

3. Product Overview

The Beurer BC28 Wrist Blood Pressure Monitor is a compact device designed for convenient blood pressure measurement. It features a clear digital display, intuitive controls, and an integrated wrist cuff.



Image 1: The Beurer BC28 Automated Wrist Blood Pressure Monitor. The display shows a systolic reading of 128 mmHg, a diastolic reading of 83 mmHg, and a pulse rate of 69 beats per minute. The device is white with a grey wrist cuff attached.

3.1 Included Components

- 1 Beurer BC28 Automated Wrist BP Monitor
- Storage box
- 2 AA batteries (included)

3.2 Device Parts

- **Display:** Shows blood pressure readings, pulse, date, time, memory space, and risk indicator.
- **Start/Stop Button (I/O):** Powers the device on/off and starts a measurement.
- **Memory Button (M):** Accesses stored measurement values.

- **Wrist Cuff:** Integrated for measurement.
- **Battery Compartment:** Located on the back of the device.

4. Setup

4.1 Inserting Batteries

1. Open the battery compartment cover on the back of the device.
2. Insert two AA 1.5V alkaline batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.
4. The low battery indicator will appear on the display when batteries need replacement.

4.2 Setting Date and Time

After inserting batteries, the device will prompt you to set the date and time. This ensures accurate storage of measurement values.

1. Press the **Start/Stop (I/O)** button to turn on the device.
2. The year will flash. Use the **Memory (M)** button to adjust the year. Press **Start/Stop (I/O)** to confirm.
3. Repeat this process for month, day, hour, and minute.
4. Once all settings are confirmed, the device will be ready for use.

4.3 Applying the Wrist Cuff

Correct cuff placement is crucial for accurate measurements.

1. Ensure your wrist is bare.
2. Place the cuff on your left wrist, approximately 1-2 cm above your wrist joint.
3. The display should be on the inside of your wrist.
4. Tighten the cuff snugly but not too tightly. There should be enough space for one finger to fit between the cuff and your wrist.

5. Operating the Device

5.1 Taking a Measurement

For accurate results, relax for a few minutes before taking a measurement. Sit upright with your feet flat on the floor and your arm resting comfortably on a table, ensuring the monitor is at heart level.

1. Apply the wrist cuff as described in section 4.3.
2. Press the **Start/Stop (I/O)** button. The device will automatically inflate the cuff and begin measurement.
3. Remain still and do not talk during the measurement.
4. Once the measurement is complete, the systolic pressure, diastolic pressure, and pulse rate will be displayed.
5. The device will automatically store the measurement and switch off after approximately one minute of inactivity.

5.2 Interpreting Results

The display includes a color-coded risk indicator to help you classify your blood pressure readings according to

WHO guidelines:

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

The device also features **Arrhythmia Detection**. If an irregular heartbeat is detected during measurement, a symbol will appear on the display. If this symbol appears frequently, consult your doctor.

5.3 Memory Functions

The Beurer BC28 has 2 user memory spaces, each with 60 memory slots.

1. To view stored values, press the **Memory (M)** button when the device is off.
2. The display will show the average of all saved measured values.
3. Press the **Memory (M)** button again to view the average of morning and evening blood pressure for the last 7 days.
4. Continue pressing the **Memory (M)** button to scroll through individual measurement values, starting from the most recent.

6. Maintenance

6.1 Cleaning

- Clean the device and cuff carefully with a slightly damp cloth.
- Do not use abrasive cleaning agents or immerse the device in water.

6.2 Storage

- Store the device in its original storage box when not in use.
- Keep the device in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove batteries if the device will not be used for an extended period.

7. Troubleshooting

Problem	Possible Cause	Solution
Display shows 'E' or 'Err' (Incorrect usage message)	Cuff not applied correctly, movement during measurement, or technical error.	Re-apply cuff correctly, remain still during measurement. If error persists, contact customer support.
Low battery indicator appears	Batteries are low.	Replace both AA batteries with new ones.
Device does not turn on	Batteries are inserted incorrectly or are completely drained.	Check battery polarity. Replace batteries if necessary.

8. Specifications

- **Model:** BC28
- **Item Model Number:** 650.44
- **Measurement Method:** Oscillometric, non-invasive blood pressure measurement on the wrist
- **Measurement Range:** Systolic: 60-250 mmHg, Diastolic: 40-199 mmHg, Pulse: 40-180 beats/minute
- **Accuracy:** Pressure: +/- 3 mmHg, Pulse: +/- 5% of displayed value
- **Memory:** 2 x 60 memory spaces
- **Wrist Circumference:** 14.0 to 19.5 cm
- **Power Source:** 2 x 1.5V AA batteries (included)
- **Automatic Switch-off:** Yes
- **Dimensions (LxWxH):** Approximately 20 x 30 x 40 Millimeters (device only)
- **Weight:** Approximately 250 grams (including batteries)
- **Operating Conditions:** Temperature 10°C to 40°C, Humidity 30% to 85% RH (non-condensing)
- **Storage Conditions:** Temperature -20°C to 60°C, Humidity 10% to 95% RH (non-condensing)

9. Warranty and Support

The Beurer BC28 Automated Wrist Blood Pressure Monitor comes with a**5-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims.
For technical support, warranty claims, or further inquiries, please contact Beurer customer service:

- **Manufacturer:** Beurer GmbH Soflinger Str. 218, 89077 Ulm, Germany
- **Importer (India):** Beurer India Pvt. Ltd., 523-524, JMD Megapolis, Sohna Road, Sector- 48, Gurugram- 122018 India
- **Email:** info@beurer.com
- **Phone:** +49 (731) 3989-0 (Germany)

© 2025 Beurer GmbH. All rights reserved. Information subject to change without notice.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

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.

Submit question

Open the live page

https://manuals.plus/asin/B07SD5KYHH

More documents and user manuals: **https://manuals.plus/**