

# beurer

## BC 54

EN Blood pressure monitor  
Instructions for use



CE 0483





**Read these instructions for use carefully and keep them for later use, be sure to make them accessible to other users and observe the information they contain.**

**Dear customer,**

thank you for choosing a product from our range. Our name stands for high-quality, thoroughly tested products for applications in the areas of heat, weight, blood pressure, body temperature, pulse, gentle therapy, massage, beauty and air.

With kind regards,  
your Beurer team

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## 1. Included in delivery









Check that the exterior of the cardboard delivery packaging is intact and make sure that all contents are present. Before use, ensure that there is no visible damage to the device or accessories and that all packaging material has been removed. If you have any doubts, do not use the device and contact your retailer or the specified Customer Service address.






- 1 x Wrist blood pressure monitor with cuff
- 1 x Instructions for use
- 1 x Quick Start Guide
- 1 x Storage box
- 2 x 1.5V AAA batteries LR03

## 2. Signs and symbols

The following symbols are used on the device, in these instructions for use, on the packaging and on the type plate for the device:

	<b>WARNING</b> Warning instruction indicating a risk of injury or damage to health
	<b>CAUTION</b> Safety note indicating possible damage to the device/accessory

	<b>Product information</b> Note on important information
	<b>Observe the instructions</b> Read the instructions before starting work and/or operating devices or machines
	<b>Isolation of applied parts</b> <b>Type BF</b> Galvanically isolated application part (F stands for “floating”); meets the requirements for leakage currents for type B
	<b>Direct current</b> The device is suitable for use with direct current only
	Disposal in accordance with the Waste Electrical and Electronic Equipment EC Directive – WEEE
	Do not dispose of batteries containing hazardous substances with household waste
	Dispose of packaging in an environmentally friendly manner
	Manufacturer

	<b>Temperature limit</b> The temperature limit values to which the medical device can safely be exposed are indicated.
	<b>Humidity, limit</b> Indicates the humidity range to which the medical device can safely be exposed.
	<b>Atmospheric pressure, limit</b> Indicates the range of atmospheric pressures to which the medical device can be safely exposed
<b>IP22</b>	<b>IP class</b> Device protected against foreign objects $\geq 12.5$ mm and against water dripping at an angle
	Serial number
	<b>CE labelling</b> This product satisfies the requirements of the applicable European and national directives.

### 3. Proper use

#### Intended use

The blood pressure monitor is intended for the fully automatic, non-invasive measurement of arterial blood pressure and pulse values on the wrist.

#### Target group

It is designed for self-measurement by adults in the home environment and is suitable for users whose wrist circumference is within the range printed on the cuff.

#### Indication/clinical benefits

The user can record their blood pressure and pulse values quickly and easily using the device. The recorded values are classified according to internationally applicable guidelines and evaluated graphically. Furthermore, the device can detect any irregular heart beats that occur during measurement and inform the user via a symbol in the display. The device saves the recorded measurements and can also output average values of previous measurements.

The recorded data can provide healthcare service providers with support during the diagnosis and treatment of blood pressure problems, and therefore plays a part in the long-term monitoring of the user's health.

## 4. Warnings and safety notes



### Contraindications

- Do not use the blood pressure monitor on newborns, children or pets.
- People with restricted physical, sensory or mental skills should be supervised by a person responsible for their safety and receive instructions from this person on how to use the device.
- If you have any of the following conditions, it is essential you consult your doctor before using the device: cardiac arrhythmia, circulatory problems, diabetes, pregnancy, pre-eclampsia, hypotension, chills, shaking.
- People with pacemakers or other electrical implants should consult their doctor before using the device.
- The blood pressure monitor must not be used in connection with a high-frequency surgical unit.
- Do not use the cuff on people who have undergone a mastectomy.
- Do not place the cuff over wounds as this may cause further injury.
- Make sure that the cuff is not placed on an arm in which the arteries or veins are undergoing medical treatment, e.g. intravascular access or intravascular therapy, or an arteriovenous (AV) shunt.



### General warnings

- The measurements taken by you are for your information only – they are no substitute for a medical examination! Discuss the measured values with your doctor and never make your own medical decisions based on them (e.g. regarding dosages of medicines).
- The device is only intended for the purpose described in these instructions for use. The manufacturer is not liable for damage resulting from improper or incorrect use.
- Using the blood pressure monitor outside your home environment or whilst on the move (e.g. whilst travelling in a car, ambulance or helicopter, or whilst undertaking physical activity such as playing sport) can influence the measurement accuracy and cause incorrect measurements.
- Cardiovascular diseases may lead to incorrect measurements or have a detrimental effect on measurement accuracy.
- Do not use the device at the same time as other medical electrical devices (ME equipment). This could lead to a malfunction of the measuring device and/or an inaccurate measurement.
- Do not use the device outside of the specified storage and operating conditions. This could lead to incorrect measurements.

- Only use the cuffs included in delivery or cuffs described in these instructions for use for the device. Using another cuff may lead to measurement inaccuracies.
- Note that when inflating the cuff, the functions of the limb in question may be impaired.
- Do not perform measurements more frequently than necessary. Due to the restriction of blood flow, some bruising may occur.
- During the blood pressure measurement, the blood circulation must not be stopped for an unnecessarily long time. If the device malfunctions remove the cuff from the arm.
- Place the cuff on your wrist only. Do not place the cuff on other parts of the body.



### General precautions

- The blood pressure monitor is made from precision and electronic components. The accuracy of the measurements and service life of the device depend on its careful handling.
- Protect the device from impacts, moisture, dirt, marked temperature fluctuations and direct sunlight.
- Ensure the device is at room temperature before measuring. If the measuring device has been stored close to the maximum or minimum storage and transport temperatures and is placed in an environment with a temperature of 20°C, it is recommended that you wait approx. 2 hours before using the measuring device.

- Do not drop the device.
- Do not use the device in the vicinity of strong electromagnetic fields and keep it away from radio systems or mobile telephones.
- We recommend that the batteries be removed if the device will not be used for a prolonged period of time.

### Measures for handling batteries



- If your skin or eyes come into contact with battery fluid, rinse the affected areas with water and seek medical assistance.
- **Choking hazard!** Small children may swallow and choke on batteries. Therefore, store batteries out of the reach of small children.
- **Risk of explosion!** Do not throw batteries into a fire.
- If a battery has leaked, put on protective gloves and clean the battery compartment with a dry cloth.
- Do not disassemble, open or crush the batteries.



- Observe the plus (+) and minus (-) polarity signs.
- Protect batteries from excessive heat.
- Do not charge or short-circuit batteries.
- If the device is not to be used for a long period of time, remove the batteries from the battery compartment.

- Use identical or equivalent battery types only.
- Always replace all batteries at the same time.
- Do not use rechargeable batteries.

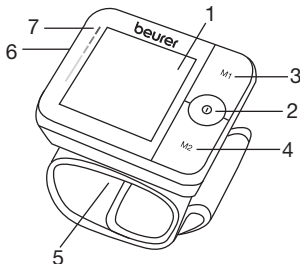


### Notes on electromagnetic compatibility







- The device is suitable for use in all environments listed in these instructions for use, including domestic environments.
- The use of the device may be limited in the presence of electromagnetic disturbances. This could result in issues such as error messages or the failure of the display/device.
- Avoid using this device directly next to other devices or stacked on top of other devices, as this could lead to faulty operation. If, however, it is necessary to use the device in the manner stated, this device as well as the other devices must be monitored to ensure they are working properly.
- The use of accessories other than those specified or provided by the manufacturer of this device can lead to an increase in electromagnetic emissions or a decrease in the device's electromagnetic immunity; this can result in faulty operation.
- Failure to comply with the above can impair the performance of the device.

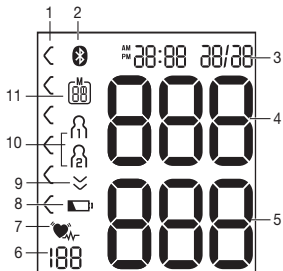
## 5. Device description

1. Display
2. **START/STOP** button **ⓘ**
3. Memory button **M1**
4. Memory button **M2**
5. Wrist cuff
6. Battery compartment lid
7. Risk indicator



## Information on the display:

1. Risk indicator
2. Symbol for *Bluetooth*<sup>®</sup> transfer 
3. Time and date
4. Systolic pressure
5. Diastolic pressure
6. Calculated pulse value
7. Cardiac arrhythmia symbol   
Pulse symbol 
8. Battery status indicator 
9. Release air 
10. User memory 
11. Memory space number/memory display  
average value (A), morning (AM), evening (PM)




## 6. Initial use

### Inserting the batteries

- Remove the battery compartment lid on the left side of the device.
- Insert two 1.5 V AAA micro (alkaline type LR03) batteries. Make sure that the batteries are inserted the correct way round. Do not use rechargeable batteries.
- Close the battery compartment lid again carefully.



Now set the date and time as described below.

If the battery change symbol  is flashing and *E r E* appears, no further measurements are possible and you must replace all batteries. Once the batteries have been removed from the device, the date and time must be set again. Any saved measured values are retained.

### Making settings

You must make sure that the device has the correct settings before use in order to be able to make full use of all functions. Only by doing so can your measurements with associated date and time be saved and accessed later by you.

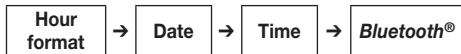
**i** There are two different ways to access the menu from which you can adjust the settings:

- Before initial use and after each time you replace the battery:

When inserting batteries into the device, you will be taken to the relevant menu automatically.

- If the batteries have already been inserted:  
Press and hold the **START/STOP** button **ⓘ** on the device when **switched off** for approx. 5 seconds.

In this menu you can adjust the following settings in succession:



It is essential to set the date and time. Otherwise, you will not be able to save your measured values correctly with a date and time and access them again later.

#### Hour format

The hour format now flashes on the display.

- Select the desired hour format using the memory button **M1** or **M2** and confirm with the **START/STOP** button **ⓘ**.



#### Date

The year flashes on the display.

- Select the desired year using the memory button **M1** or **M2** and confirm with the **START/STOP** button **ⓘ**.



The month flashes on the display.

- Select the desired month using the memory button **M1** or **M2** and confirm with the **START/STOP** button **ⓘ**.



The day flashes on the display.

- Select the desired day using the memory button **M1** or **M2** and confirm with the **START/STOP** button **ⓘ**.



- i** If the hour format is set as **12h**, the day/month display sequence is reversed.

The hours flash on the display.

- Select the desired hour using the memory button **M1** or **M2** and confirm with the **START/STOP** button **ⓘ**.



The minutes flash on the display.

- Select the desired minute using the memory button **M1** or **M2** and confirm with the **START/STOP** button **ⓘ**.



The *Bluetooth*® symbol is shown in the display.

- Use the memory button **M1** or **M2** to select whether automatic *Bluetooth*® data transfer is activated (*Bluetooth*® symbol is displayed) or deactivated (*Bluetooth*® symbol is not shown) and confirm with the **START/STOP** button **ⓘ**.

**ⓘ** *Bluetooth*® transfers will reduce the battery life.

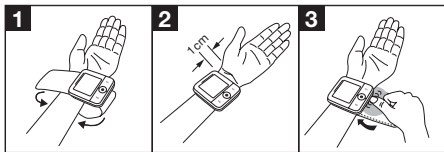
## 7. Usage

### General rules when measuring blood pressure yourself

- In order to generate as informative a profile of the progression of your blood pressure as possible and ensure that the measured values can be compared, you should measure your blood pressure regularly and always at the same times of day. It is recommended that you measure your blood pressure twice a day: once in the morning after getting up and once in the evening.
- You should always carry out the measurement when you are sufficiently physically rested. You should therefore avoid taking measurements during stressful periods.
- Do not take a measurement within 30 minutes of eating, drinking, smoking or exercising.
- Before the initial blood pressure measurement, make sure always to rest for about 5 minutes.
- Furthermore, if you want to take several measurements in succession, make sure always to wait for at least 1 minute between the individual measurements.
- Repeat the measurement if you are unsure of the measured value.

## Attaching the cuff

- Fundamentally, blood pressure can be measured on both arms. Certain deviations between the measured blood pressure on the right arm and left arm are due to physiological causes and completely normal. You should always perform the measurement on the arm with the highest blood pressure values. Before starting self-measurement, consult your doctor in this regard. From this point on, always take measurements on the same arm.
- The device may only be operated with the cuff attached when supplied. Before using the device, the user should check the fit of the cuff and, in doing so, ensure that their wrist circumference is within the range printed on the cuff.
- Uncover your wrist. Ensure that the circulation of the arm is not hindered by tight clothing or similar.



- Now place the cuff on the wrist so that the palm of your hand and the device display are facing upwards.

- Position the cuff so that there is a distance of 1.0 – 1.5 cm between it and the heel of your hand.
- Now fasten the cuff tightly around your wrist using the hook-and-loop fastener. Make sure that it is tight but that it does not cut into your wrist.




## Adopting the correct posture

- To carry out a blood pressure measurement, make sure you are sitting upright and comfortably. Lean back and place your arm on a surface. Do not cross your legs. Place your feet next to each other flat on the floor.
- Always make sure that the device is at heart level during the measurement. Otherwise significant measurement deviations can occur due to physiological causes. To do so, place your elbow on a table to support your arm. In order to make the measurement even more comfortable for you, you can place your lower arm on a suitable object (e.g. the storage box).
- Relax your arm and the palm of your hand.
- To avoid distorting the measurement, you should remain as still as possible during the measurement and not speak.



## Selecting the user

You have 2 memories, each with 60 memory spaces, to enable the separate storage of measurements for 2 different people.

To select the corresponding user memory, press the **M1** memory button (for user ) or **M2** (for user ) on the switched-off device. Confirm your selection by pressing the **START/STOP** button .


## Performing the blood pressure measurement

As described above, attach the cuff and adopt the posture in which you want to perform the measurement.

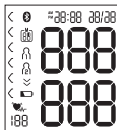
- Press the **START/STOP** button  to start the blood pressure monitor. All displays will illuminate briefly.

The blood pressure monitor will begin the measurement automatically after 5 seconds.

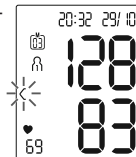
The cuff automatically inflates. The measurement itself is taken during the inflation phase.



As soon as a pulse is found, the pulse symbol  is displayed.

-  You can cancel the measurement at any time by pressing the **START/STOP** button .



- The systolic pressure, diastolic pressure and pulse rate measurements are displayed.



- **Er\_** appears if the measurement could not be performed properly. Observe the chapter „9. What if there are problems?“ in these instructions for use and repeat the measurement.
- Press the **START/STOP** button  to switch off the blood pressure monitor. The measurement is then stored in the selected user memory. If **Bluetooth® data transfer** is activated, data is transferred after pressing the **START/STOP** button . The **Bluetooth®** symbol flashes on the display. The blood pressure monitor now attempts to connect to the app for approx. 30 seconds. The **Bluetooth®** symbol stops flashing as soon as a connection is established. All measurement data is automatically transferred to the app. Once the data has been successfully transferred, the device switches off.
- If a connection to the app cannot be established after 30 seconds, the **Bluetooth®** symbol goes out and the

**Er\_**

blood pressure monitor switches off automatically after 5 seconds.

- If you forget to turn off the device, it will switch off automatically. In this case too, the value is stored in the selected or most recently used user memory.

## Evaluating the results

### General information about blood pressure

- Blood pressure is the force with which the bloodstream presses against the arterial walls. Arterial blood pressure constantly changes in the course of a cardiac cycle.
- Blood pressure is always stated in the form of two values:
  - The highest pressure in the cycle is called **systolic blood pressure**. This arises when the heart muscle contracts and blood is pumped into the blood vessels.
  - The lowest is **diastolic blood pressure**, which is when the heart muscle has completely stretched back out and the heart fills with blood.
- Fluctuations in blood pressure are normal. Even during repeat measurements, considerable differences between the measured values may occur. One-off or irregular measurements therefore do not provide reliable information about the actual blood pressure. Reliable assessment is only possible when you perform the measurement regularly under comparable conditions.

### Risk indicator

The World Health Organization (WHO) has defined the internationally recognised classification for the evaluation of measured blood pressure values listed in the table below:

Measured blood pressure value range		Classification	Colour of the risk indicator
Systole (in mmHg)	Diastole (in mmHg)		
≥ 180	≥ 110	High blood pressure stage 3 (severe)	Red
160–179	100–109	High blood pressure stage 2 (moderate)	Orange
140–159	90–99	High blood pressure stage 1 (mild)	Yellow
130–139	85–89	High normal	Green
120–129	80–84	Normal	Green
< 120	< 80	Optimal	Green



Source: WHO, 1999 (World Health Organization)


The risk indicator (the arrow in the display and the associated scale on the device) shows which category the recorded blood pressure values fall into. If the measured values are in two different classifications (e.g. systole in the high normal category and diastole in the normal category), the risk indicator then always shows you the higher category – “high normal” in the example described.

Please be aware that these standard values can only serve as a general guideline, as the individual blood pressure varies in different people and different age groups, etc.

Furthermore, it must be noted that measurements taken yourself while at home are generally lower than those that are taken by the doctor. For this reason, it is important that you regularly consult your doctor for advice. Only they are able to give you your personal target values for controlled blood pressure – in particular if you receive medicinal therapy.








### Cardiac arrhythmia

This device can identify any cardiac rhythm disturbances as part of the analysis of your recorded pulse signal during blood pressure measurement. In this case, after the measurement, the device will indicate any irregularities in your pulse by displaying the  symbol in the display. This can be an indicator for arrhythmia. Arrhythmia is an illness in which the heart rhythm is abnormal because of flaws in the bioelectrical system that regulates the heart-beat. The symptoms (skipped or premature heart beats, pulse being slow or too fast) can be caused by factors such as heart disease, age, physical disposition, excess alcohol and tobacco, stress or lack of sleep. If the  symbol appears on the display after the measurement, the measurement must be repeated as the measurement accuracy may be impaired. To assess your blood pres-

sure, only use the results that have been recorded without corresponding irregularities in your pulse. If the  symbol appears frequently, please consult your doctor. Only they can establish the existence of an arrhythmia during a checkup, using their means of diagnosis.

### **Saving, displaying and deleting measured values**

The results of every successful measurement are stored together with the date and time. The oldest measurement is overwritten in the event of more than 60 measurements.

- To select the corresponding user memory, press the **M1** memory button (for user ) or **M2** (for user ) on the switched-off device. Confirm your selection by pressing the **START/STOP** button .
  - If *Bluetooth*<sup>®</sup> is activated (the  symbol flashes on the display), the blood pressure monitor attempts to connect to the app. The buttons are deactivated and the  symbol ceases to flash as soon as a connection is established and the data is transferred.
-  If you press the memory button **M1** or **M2** in the meantime, the transfer is cancelled. The  symbol is no longer shown.

#### User memory

**A** is displayed.

The average value of all saved measured values in this user memory is displayed.

- Press the memory button **M1**.

**AM** is displayed.

The average value of the morning measurements for the last 7 days is displayed (morning: 5.00 a.m. – 9.00 a.m.).

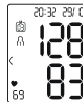
- Press the memory button **M1**.

**PM** is displayed.

The average value of the evening measurements for the last 7 days is displayed (evening: 6.00 p.m. – 8.00 p.m.).



- If you press the memory button **M1** again, the last individual measurement is displayed (in this example, measurement 03).



- If you press the memory button **M1** once more, you can view your individual measured values.
- To switch the device off again, press the **START/STOP** button **ⓘ**.

- **ⓘ** You can exit the menu at any time by pressing the **START/STOP** button **ⓘ**.

- To erase a user's memory, first select the user memory to be erased by pressing the **M1** or **M2** memory button on the off device and confirm your selection by pressing the **START/STOP** button **ⓘ**.
- The average value of all measurements appears on the display; in parallel, **A** lights up.
- Press and hold down both memory buttons **M1** and **M2** simultaneously for 5 seconds.

**CL 00** appears on the display. All the values in the selected user memory have now been deleted.



## Transfer via **Bluetooth®**

It is also possible to transfer the measured values saved on the device to your smartphone via *Bluetooth®*. You will need the “beurer HealthManager” app for this. This is available in the Apple App Store and from Google Play.

### System requirements for the app “beurer HealthManager”:


- iOS ≥ 10.0, Android™ ≥ 5.0
- *Bluetooth®* ≥ 4.0


List of compatible devices:



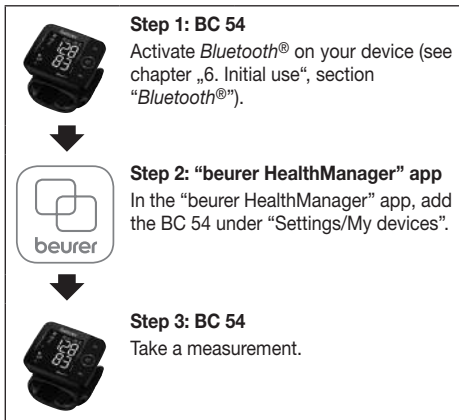
Proceed as follows to transfer values:

If *Bluetooth®* is activated in the settings menu, the data is transferred automatically after the measurement.

The  symbol appears in the top left of the display (see chapter „6. Initial use“, section “*Bluetooth®*”).

-  When connecting for the first time, a randomly-generated six-digit PIN code is displayed on device, and at the same time an input field appears on the smart-

phone in which you must enter this six-digit PIN code. After successfully entering the code, the device will be connected to your smartphone.





Error message	Possible cause	Solution
<b>Er3</b>	The cuff was not attached correctly.	Please observe the notes in chapter "7. Usage" under the section "Attaching the cuff". During a new measurement, check whether the cuff can now be inflated properly.
<b>Er4</b>	An error occurred during measurement.	Please wait one minute and repeat the measurement.
<b>Er5</b>	The inflation pressure is higher than 300 mmHg or the measured blood pressure is outside the measuring range.	Ensure that you do not speak or move during the measurement.
<b>Er6</b>	The batteries are almost empty.	Insert new batteries into the device.

Error message	Possible cause	Solution
<b>Er7</b>	The data could not be sent via <i>Bluetooth®</i> .	Proceed as described in chapter „7. Usage“ under the section „Transfer via <i>Bluetooth®</i> “ into the manual memory mode and try to restart the data transfer.
<b>Er8</b>	A device error has occurred.	Please repeat the measurement after a pause of one minute.

If the problems persist despite the proposed corrective actions, please contact customer service.

## 10. Disposal

### Repairing and disposing of the device

- Do not repair or adjust the device yourself. Proper operation can no longer be guaranteed in this case.
- Do not open the device. Failure to comply will result in voiding of the warranty.
- Repairs must only be carried out by Customer Services or authorised suppliers. Before making a claim, please check the batteries first and replace them if necessary.

- For environmental reasons, do not dispose of the device in the household waste at the end of its useful life. Dispose of the unit at a suitable local collection or recycling point. Dispose of the device in accordance with EC Directive – WEEE (Waste Electrical and Electronic Equipment). If you have any questions, please contact the local authorities responsible for waste disposal.



### **i** Disposing of the batteries

- Batteries must not be disposed of with household waste. They may contain toxic heavy metals and are subject to special waste treatment.
- The codes below are printed on batteries containing harmful substances:  
 Pb = Battery contains lead,  
 Cd = Battery contains cadmium,  
 Hg = Battery contains mercury.



## 11. Technical specifications

Model no.	BC 54
Measurement method	Oscillometric, non-invasive blood pressure measurement on the wrist
Measurement range	Cuff pressure 0-299 mmHg, Systolic 60-230 mmHg, Diastolic 40-130 mmHg, Pulse 40-199 beats/minute

Display accuracy	Systolic $\pm 3$ mmHg, Diastolic $\pm 3$ mmHg, Pulse $\pm 5$ % of the value shown
Measurement inaccuracy	Max. permissible standard deviation according to clinical testing: Systolic 8 mmHg / Diastolic 8 mmHg
Memory	2 x 60 memory spaces
Dimensions	L 80.5 mm x W 69.5 mm x H 25 mm
Weight	Approximately 116 g (without batteries, with cuff)
Cuff size	135 to 215 mm
Permissible operating conditions	+5 °C to +40 °C, 15-90 % relative humidity (non-condensing), 700-1060 hPa ambient pressure
Permissible storage and transport conditions	-20 °C to +60 °C, $\leq 93$ % relative humidity (non-condensing)
Power supply	2 x 1.5V $\text{---}$ AAA batteries
Battery life	For approx. 150 measurements, depending on levels of blood pressure and pump pressure
Software version	A01

Data transfer	2402 MHz – 2480 MHz frequency band Transmission power max. 7 dBm The blood pressure monitor uses <i>Bluetooth</i> ® low energy technology Compatible with <i>Bluetooth</i> ® ≥ 4.0 smartphones/tablets
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The serial number is located on the device or in the battery compartment.

Technical information is subject to change without notification to allow for updates.

- This device is in line with European Standard EN 60601-1-2 (In accordance with CISPR 11, IEC 61000-4-2, IEC 61000-4-3 and IEC 61000-4-8) and is subject to particular precautions with regard to electromagnetic compatibility (EMC). Please note that portable and mobile HF communication systems may interfere with this unit.
- This device corresponds to the EU Medical Devices Directive 93/42/EEC, the German Medical Devices Act (Medizinproduktegesetz) and the standards EN 1060-1 (non-invasive sphygmomanometers, Part 1: General requirements), EN 1060-3 (non-invasive sphygmomanometers, Part3: Supplementary requirements for electro-mechanical blood pressure measuring systems) and IEC 80601-2-30 (Medical electrical equipment –

Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers).

- The accuracy of this blood pressure monitor has been carefully checked. Calibration is not necessary.
- The device has been developed with regard to a long useful life. The expected service life is 5 years.
- If using the device for commercial medical purposes, it must be regularly tested for accuracy by appropriate means. Precise instructions for checking accuracy may be requested from the service address.
- We hereby confirm that this product complies with the European RED Directive 2014/53/EU. The CE Declaration of Conformity for this product can be found under: [www.beurer.com/web/we-landingpages/de/cedeclarationofconformity.php](http://www.beurer.com/web/we-landingpages/de/cedeclarationofconformity.php)

## 12. Warranty / Service

Beurer GmbH, Söflinger Straße 218, 89077 Ulm, Germany (hereinafter referred to as “Beurer”) provides a warranty for this product, subject to the requirements below and to the extent described as follows.

**The warranty conditions below shall not affect the seller’s statutory warranty obligations which ensue from the sales agreement with the buyer.**

**The warranty shall apply without prejudice to any mandatory statutory provisions on liability.**

Beurer guarantees the perfect functionality and completeness of this product.

The worldwide warranty period is 5 years, commencing from the purchase of the new, unused product from the seller.

The warranty only applies to products purchased by the buyer as a consumer and used exclusively for personal purposes in the context of domestic use. German law shall apply.

During the warranty period, should this product prove to be incomplete or defective in functionality in accordance with the following provisions, Beurer shall carry out a repair or a replacement delivery free of charge, in accordance with these warranty conditions.

**If the buyer wishes to make a warranty claim, they should approach their local retailer in the first instance: see the attached “International Service” list of service addresses.**

The buyer will then receive further information about the processing of the warranty claim, e.g. where they can send the product and what documentation is required.

A warranty claim shall only be considered if the buyer can provide Beurer, or an authorised Beurer partner, with

- a copy of the invoice/purchase receipt, and
- the original product.

The following are explicitly excluded from this warranty:

- deterioration due to normal use or consumption of the product;
- accessories supplied with this product which are worn out or used up through proper use (e.g. batteries, rechargeable batteries, cuffs, seals, electrodes, light sources, attachments and nebuliser accessories);
- products that are used, cleaned, stored or maintained improperly and/or contrary to the provisions of the instructions for use, as well as products that have been opened, repaired or modified by the buyer or by a service centre not authorised by Beurer;
- damage that arises during transport between manufacturer and customer, or between service centre and customer;
- products purchased as seconds or as used goods;
- consequential damage arising from a fault in this product (however, in this case, claims may exist arising from product liability or other compulsory statutory liability provisions).

Repairs or an exchange in full do not extend the warranty period under any circumstances.





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