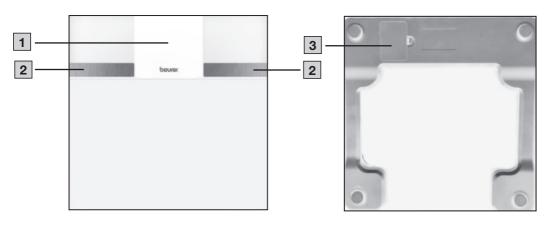
beurer

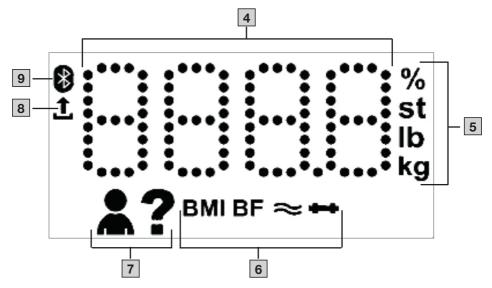
BF 450/451

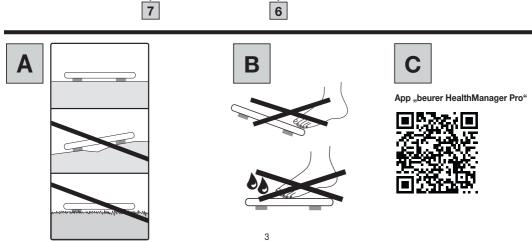


EN Diagnostic bathroom scale Instructions for use









ENGLISH



Read these instructions for use carefully. Follow the warnings and safety notes. Keep these instructions for use for future reference. Make the instructions for use accessible to other users. If the device is passed on, provide the instructions for use to the next user as well.

Contents

1. Included in delivery	4
2. Signs and symbols	
3. Warnings and safety notes	
4. Device description	5
5. Usage	5
6. What if there are problems?	6
6.1 Messages	6
6.2 Bluetooth® connection problems	
7. Cleaning and maintenance	6
8. Disposal	7
9. Technical data	7
10. Guarantee	7

1. INCLUDED IN DELIVERY

Check that the device packaging has not been tampered with 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 Services address

- 1 diagnostic bathroom scale
- 3 type-AAA batteries, 1.5 V
- 1 instruction manual

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:

AWARNING

Indicates a potentially impending danger. If it is not avoided, there is a risk of death or serious injury.

A CAUTION

Indicates a potentially impending danger. If it is not avoided, slight or minor injuries may result.

NOTICE

Indicates a potentially harmful situation. If it is not avoided, the system or something in its vicinity may be damaged.



Product information

Note on important information



The device may not be used by people with medical implants (e.g. pacemakers), as this may affect their functionality.



Observe the instructions for use



The electronic device must not be disposed of with household waste



Marking to identify the packaging material. A = material abbreviation,

B = material number: 1-7 = plastics, 20-22 = paper and cardboard

 $C \in {}^{1}$

CE labelling

This product satisfies the requirements of the applicable European and national directives.



United Kingdom Conformity Assessed Mark



The products demonstrably meet the requirements of the Technical Regulations of the EAEU



Manufacturer



Separate the product and packaging elements and dispose of them in accordance with local regulations.



Importer

3. WARNINGS AND SAFETY NOTES

A WARNING

Intended purpose

The device is only intended for weighing humans and for recording your personal fitness data. The device is only intended for private use and not for medical or commercial purposes. The device must only be used for the purpose for which it was designed and in the manner specified in these instructions for use.

A WARNING

- The device may not be used by people with medical implants (e.g. pacemakers), as this may affect their functionality.
- Do not use the device during pregnancy.
- Danger of tipping! Never place the scale on an uneven surface (see figure A). Never step onto the outer edge of the scale on just one side (see figure B).
- Danger of slipping! Do not step onto the scale with wet feet (see figure B). Do not step onto the scale when the surface is wet. Do not step onto the scale wearing socks.
- Repairs may only be carried out by Beurer Customer Services or authorised retailers. Never open the scale yourself.

Safety notes on handling batteries

A WARNING

- Always insert the batteries correctly, taking into account the polarity (+/-). Keep batteries clean and dry and away from water. Always select the correct battery type.
- Never short-circuit batteries and battery compartment contacts.
- Never charge, forcibly discharge, heat, disassemble, deform, encapsulate or modify batteries.
- Never weld or solder on batteries.
- Never mix batteries of different manufacturers, capacities (new and used), size and type within a device.
- Risk of explosion! Failure to comply with the points mentioned above can result in personal injury, overheating, leakage, venting, breakage, explosion or fire.
- If a battery has leaked, put on protective gloves and clean the battery compartment with a dry cloth.
- If your skin or eyes come into contact with battery fluid, rinse the affected areas with water and seek medical assistance.
- Choking hazard! Keep batteries out of the reach of children.
 Seek medical attention immediately if swallowed. Swallowing them may cause severe internal burns and death.
- Never allow children to replace batteries without adult supervision.

A CAUTION

- Store batteries away from metal objects in a well-ventilated, dry and cool place.
- Never expose batteries to direct sunlight or rain.
- Exposure of batteries to an environment with extremely high temperatures or a low air pressure may result in explosion or leakage of flammable liquids and gases.
- Remove batteries from the device if it is not going to be used for a long period of time. Do not use the product if the battery compartment lid no longer closes properly.
- Dispose of discharged batteries immediately and properly. Never dispose of batteries in fire or hot ovens.

4. DEVICE DESCRIPTION

The associated illustrations are on page 3.

Diagnostic Bathroom scale

Display

1 Display

4 Measured value

2 Elektrodes

5 Measurement unit

3 Battery compartment 6

Body data

7 Unknown user during measurement

8 Measurement data transfer

9 Status of Bluetooth®-connection

5. USAGE



The scales can be used from a minimum age of 10 years. The scale can only be used to its full extent with the "beurer HealthManager Pro" app and an online account.

The scale has 8 scale users, enabling you to save the various members of your family, for example. You can use the "beurer Health-Manager Pro" app to conveniently set up the individual app users and their corresponding scale user via your smartphone. To do so, proceed as follows:

- Download the free "beurer HealthManager Pro" app from the Apple App Store (iOS) or from Google Play (AndroidTM) (see illustration on folding page 3.
- 2. Follow the instructions in the app
- 3. If a Bluetooth® connection has been established and the user measurements have been successfully taken (e.g. for U 1), the values will be transferred to the app "beurer HealthManager Pro". This is indicated by the measurement data transfer symbol 8. If the data cannot be transferred, up to 30 values will be stored per user. When the app is open and the scale is active, these are transferred automatically.



- Wherever possible, weigh yourself at the same time every day (ideally in the morning), after having been to the toilet, and on an empty stomach.
- An analytical measurement is only possible barefoot. Otherwise, only a weight measurement will be performed, which will be assigned to a scale user. If the automatic scale user recognition does not work, you can assign your measurement to yourself in the app "beurer HealthManager Pro".
- Please note that measuring tolerances are possible for technical reasons as this scale is not calibrated for use in a professional medical context.
- This scale works on the principle of B.I.A. (bioelectrical impedance analysis). When this measurement of the electrical resistance (impedance) is considered along-side constants and/or individual values (age, height, gender, activity level), the body fat percentage and other variables in the body can be calculated. Please note that the values calculated by the diagnostic bath-room scale only represent an approximation of the actual medical analytical values for the body. Only a specialist doctor can precisely establish the body fat, body water, muscle percentage and bone structure using medical methods (e.g. computer tomography).
- Obtain professional advice from appropriately qualified personnel (e.g. a doctor) when undertaking any treatment or diet to address being overweight or underweight. The health values determined using the scale can assist the qualified personnel in their diagnoses.
- Inaccurate or implausible results may occur when determining body fat in children, performance athletes or people with medical/physical limitations (e.g. oedema symptoms, osteoporosis, people who are taking cardiovascular medication or medication which changes the vascular system, people with major anatomical abnormalities on the legs).

6. WHAT IF THERE ARE PROBLEMS?

6.1 Messages

Display	Cause/remedy	
Discrepancy in weight	Incorrect zero point (e.g. in the event of a change of location or temperature fluctuation): Briefly press on the scale until the current weight is displayed, then remove your foot.	
	Scale is placed on carpet or uneven ground: The surface must be hard and level.	
	Wherever possible, weigh yourself at the same time every day (ideally in the morning), after having been to the toilet, and on an empty stomach.	
} flashing	The scale can be connected to the app via Bluetooth®: Do not connect it via the Bluetooth® settings on your smartphone, only via the app.	
PAir	Bluetooth® must be allowed to connect to the smartphone once: If necessary, check the notification on the smartphone and allow connection via Bluetooth®.	
U/ 1?	The scale was unable to assign the measurement to a scale user: If the automatic scale user recognition does not work, open the "beurer HealthManager Pro" app.	
" BF"	Diagnostic measurement not possible (e.g. measurement with shoes): Repeat the measurement barefoot. Otherwise, only weight values will be displayed and transferred.	
oLd	The maximum weight capacity of 180 kg has been exceeded: Loads must not exceed 180 kg.	
Lo	The batteries are flat. Replace the batteries.	
Ţ	Measurement is being transferred	

6.2 Bluetooth® connection problems

Problem	Cause/remedy
No Bluetooth® - connection Symbol 9 is not displayed	No connection when adding the device To establish a connection, the scale must be activated so that the display shows 0.0 kg. To do this, briefly put weight on the platform. Add the device with the app. When connecting for the first time, confir- mation may be required on the smartphone to confirm bonding/pairing. Check any notifications in the status bar or messages.
	No connection for device setting To establish a connection, the scales must be activated so that the display shows 0.0 kg. To do this, briefly put weight on the platform. Select the added scale under "Medevices" in the app.
	No connection for measurement data transmission The connection is established automatically after a successful user measurement (e.g. "U - 1") if the app is open within range (<10m). The scale must be set up under "My devices". Check the user recognition in these device settings.
	Problem solving via the smartphone. • Switch Bluetooth® on your smartphone off and on again. Ensure that the scale is not being connected via the Bluetooth® settings of the operating system. If necessary, remove it from the device list in the Bluetooth® settings and then use the app "beurer HealthManager Pro". • When connecting the scale, check the status bar on the smartphone to start pairing/bonding. • Completely close the app (including in the background). Switch your smartphone off and on again.
Measurements are not sent Symbol 8 is not displayed	The user memory (e.g. U - 1) which appears on the scale display during a mea surement must be assigned to the scale in your app settings. Only these measurements can be transferred. Therefore, when taking a measurement, check your user on the scale and in your app settings.

7. CLEANING AND MAINTENANCE

Clean the surface of the scale from time to time using a slightly damp cloth. Do not use the scale again until the surface is completely dry.

A CAUTION

- Do not use any abrasive cleaning products.
- Never submerge the scale in water. Never rinse the scale under running water.
- Do not place any objects on the scale when it is not in use.
- Protect the scale from knocks, moisture, dust, chemicals, drastic changes in temperature and nearby sources of heat (ovens, heaters).

8. DISPOSAL

NOTICE

When disposing of batteries, keep batteries with different electrochemical systems separate.

For environmental reasons, do not dispose of the device in household waste at the end of its service life. Dispose of the device at a suitable local collection or recycling point in your country. Observe the local regulations for material disposal. Dispose of the device in accordance with EC Directive Waste Electrical and Electronic



ance with EC Directive Waste Electrical and Electronic Equipment (WEEE).

If you have any questions, please contact the local authorities responsible for waste disposal. You can obtain the location of collection points for old devices from the local or municipal authorities, local waste disposal companies or your retailer, for example.

Used batteries should not be disposed of in normal household waste. Dispose of them via your electronics retailer or your local recycling point. You are legally obliged to do this.

Notice: The codes below are printed on batteries containing harmful substances: Pb = Battery contains lead, Cd = Battery contains cadmium, Hg = Battery contains mercury.



Environmentally friendly disposal

For the sake of the environment, we recommend that you dispose of the individual components, especially the batteries, separately.

- Insert a flat-blade screwdriver into the recesses provided between the safety glass support surface and the feet of the scale.
- 2. Now carefully pry open the scale with the slotted screwdriver to separate the base from the scale.
- Remove the cables and detach the circuit board with a Phillips screwdriver.
- 4. Dispose of the individual parts separately.

9. TECHNICAL DATA

Dimensions:	300 x 300 x 26 mm
Weight:	1.565 kg
Measurement range:	180 kg / 396 lb / 28 st
Display	kg: 0.1 kg lb: 0.2 lb st: 1 st, / 0.2 lb
Repetition accuracy:	max. ± 0.4 kg
Absolute precision:	max. ± (0.5% + 0.1 kg), e.g. for 80 kg: max. ± 0.5 kg
Battery:	3 type AAA, 1.5 V
Connectivity:	Bluetooth® low energy technology. Bluetooth® frequency band: 2402 – 2480 MHz, transmission power max. 0.83 dBm.
System requirements and list of compat- ible devices for the "beurer HealthMan- ager Pro" app	

Subject to technical changes.

*This product satisfies the requirements of the applicable European directives.

The CE mark has been applied in accordance with the following European directives:

Directive 2014/53/EU (Radio Equipment Directive - RED)

The Declaration of Conformity for this product can be found at the following address: https://www.beurer.com/conformity

10. GUARANTEE

Further information on the guarantee and guarantee conditions can be found in the guarantee leaflet supplied.

Subject to errors and changes

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Beurer GmbH is under license. Other trademarks and trade names are those of their respective owners.

Apple and the Apple logo are trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc., registered in the U.S. and other countries.

Google Play and the Google Play logo are trademarks of Google LLC.

Android is a trademark of Google LLC.

