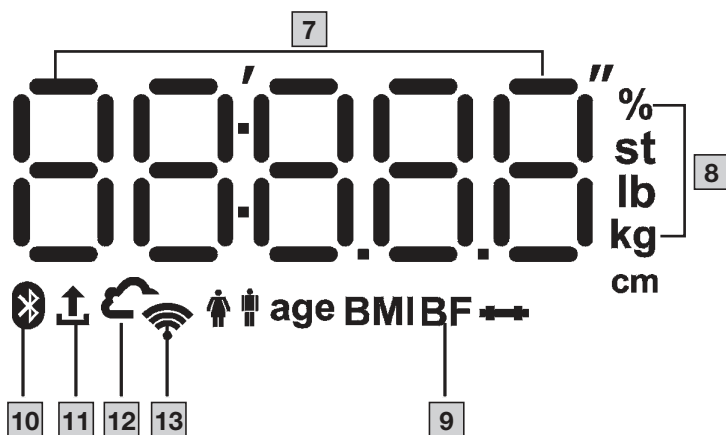
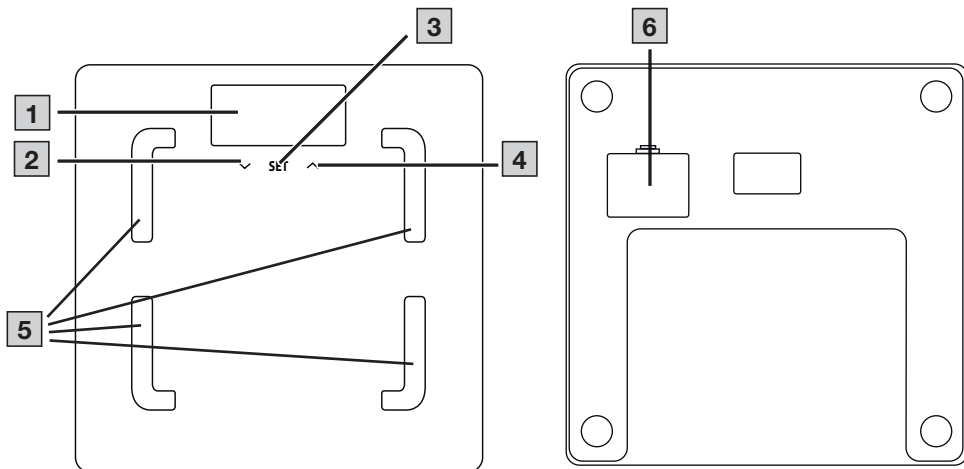


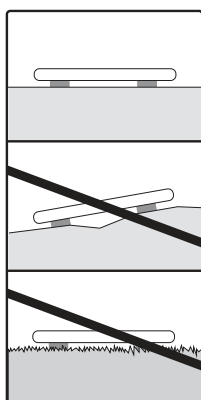


EN Diagnostic bathroom scale	
Instructions for use.....	3

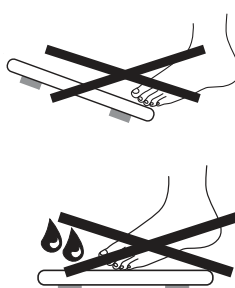
beurer	
Department: Grafik	
Checked according to „Artwork prüfen und freigeben“	
<input checked="" type="checkbox"/>	Released without change
<input type="checkbox"/>	Released after change
<input type="checkbox"/>	Change and resubmit
08.11.24	jaan
Date	Name



A



B





Read these instructions for use carefully. Observe 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.

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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 AA 1.5 V batteries
- 1 set of instructions for use
- 1 quick guide

2. IMPORTANT SAFETY NOTES

⚠ WARNING

- Intended use: 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.
- **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.
- 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 alongside 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 bathroom 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 percent-



tag 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).
- Repairs may only be carried out by Beurer Customer Services or authorised retailers. Never open the scale yourself.

Safety notes on handling batteries

⚠ WARNING

- **Risk of explosion! Risk of fire!** Failure to comply with the following points can result in personal injury or cause overheating, leakage, venting, breakage, explosion, or fire on the battery.
- This device contains non-rechargeable batteries which must not be charged.
- Do not throw batteries into a fire.
- Never charge, forcibly discharge, heat, disassemble, open, crush, deform, encapsulate, or modify batteries.
- Never short-circuit batteries or battery compartment contacts.
- Protect the batteries from direct sunlight, rain, heat, and water.
- Exposure of batteries to an environment with extremely high temperatures or an extremely low air pressure may result in explosion or leakage of flammable liquids and gases.
- Dispose of defective and discharged batteries immediately and properly (see chapter on disposal).
- Do not use modified or damaged batteries.
- Always select the correct battery type.
- Always insert the batteries correctly, taking into account the polarity (+ / -).
- Never mix batteries of different manufacturers, capacities (new and used), size, or type within a device.
- If a battery has leaked, put on protective gloves and clean the battery compartment with a dry cloth.
- If fluid from a battery comes into contact with your skin or eyes, wash 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 burns, severe internal injuries, and death.
- Never allow children to replace batteries without adult supervision.

⚠ CAUTION

- Store batteries in a well-ventilated, dry, and cool place in a non-conductive container in which the batteries cannot be short-circuited to each other or by other metal objects.
- Keep batteries clean and dry.
- Keep batteries away from water.

- If the device is not going to be used for a long period of time, remove the batteries from the battery compartment.

NOTICE

- Do not use rechargeable batteries.

3. 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:

	WARNING Indicates a potentially impending danger. If it is not avoided, there is a risk of death or serious injury.
	CAUTION Indicates a potentially imminent hazard. If it is not avoided, slight or minor injuries may result.
	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.
	CE labelling This product satisfies the requirements of the applicable European and national directives.
	The products demonstrably meet the requirements of the Technical Regulations of the EAEU
	The electronic device must not be disposed of with household waste
	Do not dispose of batteries containing hazardous substances with household waste
	Manufacturer
	Consult instructions for use
	United Kingdom Conformity Assessed Mark
	Marking to identify the packaging material. A = Material code, B = Material number: 1-7 = Plastics, 20-22 = Paper and cardboard
	Separate the product and packaging elements and dispose of them in accordance with local regulations.
	Importer

4. DEVICE DESCRIPTION

The associated drawings are shown on page 2.

- 1 Display
- 2 ✓ button (for selecting a user measurement)
- 3 SET button
- 4 ^ button (for calling up stored values after the user is selected)
- 5 Electrodes

- 6 Battery compartment
- 7 Measured value
- 8 Measurement unit
- 9 Body data
- 10 Scale connected to Bluetooth®
- 11 Measurement data transfer
- 12 Scale connected to cloud/server
- 13 Scale connected to WIFI

5. USAGE

5.1 Prerequisites for taking measurements correctly

- Place the scale on a flat and stable surface.
- Wherever possible, weigh yourself at the same time every day (ideally in the morning), after having been to the toilet, on an empty stomach and without clothing.
- To determine your body fat, always stand barefoot on the electrodes **5** on the scale.
- Stand up straight and still during measurement. Ensure that your weight is evenly distributed.

5.2 Creating scale users in the “beurer HealthManager Pro” app

The “beurer HealthManager Pro” app makes it easier for you to create user data, is required to transfer measured values and to display additional values (body water content, bone mineral mass, BMR/AMR, metabolic age).

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

1. Download the free “beurer HealthManager Pro” app from the Apple App Store (iOS) or from Google Play (Android™).




This way to the “beurer HealthManager Pro” app


2. Start the app and follow the instructions.
3. Select BF 880 in the app and press the SET button **3**.
4. Select WIFI network (SSID) and enter password (network key) to enable data transfer to scale via WIFI. If successful, the cloud **12** and WIFI **13** icons will appear on the display.
5. Set up scale user: if the display **1** shows the scale user (e.g. “U: 1”) and “0.0”, carry out the initial measurement (for subsequent automatic personal recognition if within +/- 3 kg of the last measurement of this scale user).


5.3 Weighing yourself


1. Step onto the scale barefoot. Stand still on the electrodes **5** with both legs, making sure to distribute your weight evenly. The scale switches on automatically.
2. Your body weight appears on the display **1**. The scale user detected (e.g. “U: 1” for scale user 1) should then appear automatically. If the scale has detected several possible scale users or the last



weight is more than 3 kg apart, use the  button **4** to select the correct scale user and wait 3 seconds.




3. The following values will then appear one after the other.

BMI	Body mass index (a healthy value is 18.5–25)
BF	Body fat percentage (a healthy value is 16–28% for women and 11–23% for men)
	Muscle percentage (a healthy value is 27–43% for women and 37–57% for men)

 For more details of the values, please see the app or the FAQs at: www.beurer.com

4. If a *Bluetooth*® or WIFI connection has been established and the user measurements have been successfully taken (e.g. for U: 1), the values will be transferred to the “beurer HealthManager Pro” app. This is indicated by the measurement data transfer symbol . If the data cannot be transferred, up to 30 values will be stored per user. As soon as a connection is established, they are transferred with the next measurements.







 • If the automatic scale user detection function is not working, briefly press the scale with your foot, press the  button **4** repeatedly until your scale user is displayed, and wait 3 seconds. Then take the diagnostic measurement.

• To display your most recent diagnostic measurement, briefly press the scale with your foot, press the  button **4** repeatedly until your scale user is displayed, and wait 3 seconds. Then press the  button **2** to display the most recent diagnostic measurement. To display further measurements, press the  button **2** again. Up to 30 measurements can be shown on the display **1**.

• If the measurement is carried out with shoes or socks on, then only the weight is displayed (when the scale user is recognised, the weight and BMI are displayed and saved).

5.4 ALTERNATIVE METHOD: creating scale users without the app

Alternatively, you can also create a scale user directly on the scale without using the app. This process is not required if the scale has already been connected to the app.

1. Press and hold the SET button **3** for 4 seconds. “unit” appears on the display.
2. Press the SET button **3** repeatedly until “on” appears on the display 1.
3. Use the  button **4** to select the scale user you need (you can select from U: 1 to 8). Confirm your selection with the SET button **3**.
4. “170” flashes on the display. Use the  button **2 4** to set the height. Confirm with the SET button **3**.
5. “30” flashes on the display. Use the  button **2 4** to set the age. Confirm with the SET button **3**.
6.  flashes on the display. Use the  button **2 4** to set the gender. Confirm with the SET button **3**.
7. “Act3” flashes on the display. Use the  button **2 4** to set your activity level based on how much you exercise (considered over the long term). (Act1 = none, Act2 = low, Act3 = medium, Act4 = high, Act5 = very high/athletic). Confirm with the SET button **3**.
8. “End” appears in the display. Confirm with the SET button **3**. The scale user has been created successfully.



9. “0.0” and the user symbol appear on the display. Take the initial measurement.

5.5 Deleting scale users

You can delete individual scale users in the “beurer HealthManager Pro” app.



Alternatively, you can also delete scale users directly on the scale.

To do so, proceed as follows:

1. Press and hold the SET button **3** for 4 seconds. “unit” flashes on the display.
2. Press the SET button **3** twice until “USer” flashes on the display.
3. Use the  button **4** to select the scale user to be deleted. Confirm your selection with the SET button **3**.
4. Press the SET button **3** repeatedly until “End” appears. Then press the  button **4** within 5 seconds.
5. “dEL” appears on the display. Confirm with the SET button **3**. The scale user has now been deleted.



5.6 Changing the weight unit


You can change the weight unit either using the “beurer HealthManager Pro” app or directly on the scale:

1. Press and hold the SET button **3** for 4 seconds. “unit” appears on the display **1**.
2. Use the  button **2** or  button **4** to select the desired weight unit (kg, lb or stlb). kg = kilograms, lb = pounds, stlb = stones
3. To confirm, press the SET button **3** repeatedly until the display **1** switches off.

5.7 Deactivating *Bluetooth*® and WIFI

To deactivate *Bluetooth*® and WIFI, proceed as follows:

1. Press and hold the SET button **3** for 4 seconds.
2. Press the SET button **3** repeatedly until “on” appears on the display 1.
3. Select “off” with the  button **2** or the  button **4**.
4. To confirm, press the SET button **3** repeatedly until the display **1** switches off.


 Please note that the *Bluetooth*® and WIFI function is then NO longer possible. To reactivate it, set it from “off” to “on”.

6. WHAT IF THERE ARE PROBLEMS?

6.1 Restarting scale


If it is necessary to restart the scale (e.g. scale software freezes). Remove the batteries briefly.

6.2 Resetting the scale to factory settings

1. Press and hold the SET button **3** for 4 seconds. “unit” flashes on the display.
2. Press the SET button **3** three times until “SET” flashes on the display.
3. Press the  button **2 4** and confirm “rSt” using the SET **3** button.



6.3 Updating scale software

The app will inform you when a new software update is available.




1. Briefly press on the scale to switch it on.
2. Press and hold the  button **2** for 15 seconds. The scale automatically checks for an update and downloads it. This may take a few minutes. If the update is successful, “PASS” will be displayed.










If the scale is already up to date with the latest software version "utd" appears.

6.4 Messages and errors

Display	Cause/remedy
Discrepancy in weight	<p>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 so that "0.0" flashes.</p> <p>Scale is placed on carpet or uneven ground: the surface must be hard and level.</p>
PAir	<i>Bluetooth®</i> needs to be paired: start/allow pairing/bonding on your smartphone (note any messages in the status bar/notification bar), and confirm the 6-digit pairing code using the SET button 3 on the device and on the smartphone.
"USE APP" or  flashing	The scale can be connected to the app via <i>Bluetooth®</i> : do not connect it via the <i>Bluetooth®</i> settings on your smartphone, only via the app.
UnSt	This weight measurement was unstable: stand still during the measurement.
U: --	The scale was unable to assign the measurement to a scale user: if the automatic scale user detection function is not working, briefly press the scale with your foot, press the ✓ button 2 repeatedly until your scale user is displayed, and wait 3 seconds. Weigh yourself again.
BF--	<p>The body fat percentage is outside the measurable range (less than 5% or greater than 70%): check the user data or change the activity level.</p> <p>Diagnostic measurement cannot be taken (e.g. measurement attempted while wearing shoes): Repeat the measurement barefoot. Otherwise, only weight values will be displayed and transferred.</p>
oLd	The maximum weight capacity of 180 kg has been exceeded: loads must not exceed 180 kg.
Lo	Batteries are flat. Replace the batteries.
Err1	Incorrect password for your selected WIFI network/SSID/router.
Err2	Your router does not have Internet access. The server cannot be reached.
Er3...	Software update failed: please try again.
Err4	Bootling problems: Remove the batteries briefly.
utd	The software is up to date.
no 	There is no WIFI connection to the server for the software update.

6.5 WIFI/*Bluetooth®* connection problems

Problem	Cause/remedy
No <i>Bluetooth®</i> connection Symbol  10 is not displayed	<p>Device is outside the <i>Bluetooth®</i> range. The minimum range in the open is approx. 10 m. Walls and ceilings reduce the range. Other radio waves may interfere with the transmission. Therefore, do not position the scale near devices such as microwaves or induction hobs. Ideally, switch off other <i>Bluetooth®</i> devices that are within range.</p> <p>No <i>Bluetooth®</i> connection to the app. 1. Press the SET button 3 on the scale so that "USE APP" flashes in the scale display. Then use the "beurer HealthManager Pro" app. 2. Switch <i>Bluetooth®</i> on your smartphone off and on again. Ensure that the scale is not being connected via the <i>Bluetooth®</i> settings of the operating system. If necessary, remove it from the device list in the <i>Bluetooth®</i> settings and then use the "beurer HealthManager Pro" app. 3. Completely close the app (including in the background). Switch your smartphone off and on again. 4. Briefly remove the batteries from the scale and reinsert them. Launch the app. 5. When connecting the scale, check the status bar on the smartphone to start pairing/bonding.</p> <p>Note: A <i>Bluetooth®</i> connection is only required for initial use and changing the scale's settings. The measurements can also be transferred via <i>Bluetooth®</i>, but in the normal standard application the measurement data will be transferred via WIFI (without <i>Bluetooth®</i>).</p> <p> Eine <i>Bluetooth®</i>-Verbindung ist nur zur Inbetriebnahme und Einstellung der Waage erforderlich. Die Messungen können zwar auch per <i>Bluetooth®</i> übertragen werden, jedoch wird die Messdatenübertragung in der normalen Standardanwendung per WIFI (ohne <i>Bluetooth®</i>) stattfinden.</p>
No connection to server/cloud Symbol  12 is not displayed	Check whether your router has an Internet connection. Check the device settings in the app.

Problem	Cause/remedy
No connection to the router Symbol  13 is not displayed	Incorrect password <ol style="list-style-type: none"> Press the SET button  on the scale. Scale displays "USE-APP". Open the app. Open the scale setting in the app. WIFI radio network/network name (SSID) of your Internet router and password (WIFI network key) must match. Re-enter password/network key. Ensure that the password/network key matches the one set on your selected router/WIFI name. Please remember that this is case sensitive. For further information, see technical data under "Connectivity". Incorrect router settings The device connects to 2.4 GHz. The device cannot connect to 5 GHz or 6 GHz. Check the router settings to see if 2.4 GHz is supported (mixed 2.4 GHz / 5 GHz operation is possible in principle). Do not use a mobile WIFI hotspot as it may not be permanently available. Avoid guest networks.
Measurements are not sent Symbol  11 is not displayed	No WIFI/Bluetooth® connection: <i>Bluetooth®</i> symbol  or WIFI and cloud symbols  +  must be displayed after a measurement. If necessary, reduce the distance between the scale and the WIFI router. Check and test the device settings of the WIFI network in the "beurer HealthManager Pro" app. Check whether <i>Bluetooth®</i> and WIFI have been deactivated on the scale. No measurement for the scale user: The user memory (e.g. U: 1) which appears on the scale display during a measurement 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. If the automatic scale user detection function is not working, briefly press the scale with your foot, press the  button  repeatedly until your scale user is displayed, and wait 3 seconds. Then take the diagnostic measurement. At the end of the measurement, the symbol  should appear on the scale display. The measurement is then transferred via <i>Bluetooth®</i> or WIFI. If this is not the case, check the device settings in the app.

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.

▲ IMPORTANT

- 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

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 – WEEE (Waste Electrical and Electronic Equipment).

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.

The empty, completely flat batteries must be disposed of through specially designated collection boxes, recycling points or electronics retailers. You are legally required to dispose of the batteries. The codes below are printed on batteries containing harmful substances:

Pb = Battery contains lead,
Cd = Battery contains cadmium,
Hg = Battery contains mercury.



9. TECHNICAL DATA

Model:	BF 880
Dimensions:	300 x 300 x 27 mm
Weight:	1700 g
Measurement range:	180 kg / 396 lb / 28 st
Scale interval d:	kg: 0.1 kg / lb: 0.2 lb / st: between 0-19 st = 0.2 lb; between 20-28 st = 1 lb / 0.1%
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 x 1,5 V AA
Connectivity:	Setup can be performed and settings can be made via <i>Bluetooth®</i> low energy technology. Data transfer preferably via WIFI or alternatively via <i>Bluetooth®</i> low energy technology. WIFI system requirement: IEEE 802.11 b/g/n (2.4 GHz) Encryption system requirement: WPA-PSK, WPA2-PSK, WPA3-PSK WIFI frequency band: 2412 – 2472 MHz, transmission power max. 12.99 dBm. <i>Bluetooth®</i> frequency band: 2402 – 2480 MHz, transmission power max. 7.15 dBm.
List of compatible devices:	A list of compatible smartphones, information on software and details on the devices can be found at the following link: connect.beurer.com
System requirements for "beurer HealthManager Pro" app *	 Supported devices

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. WARRANTY

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

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