

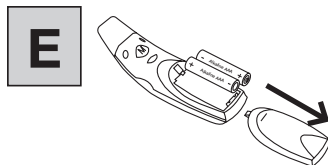
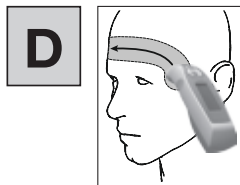
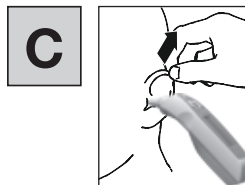
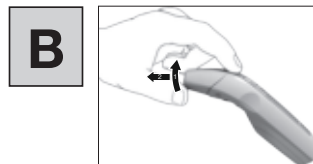
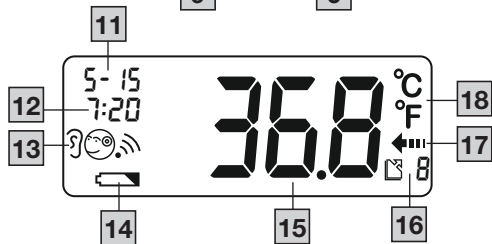
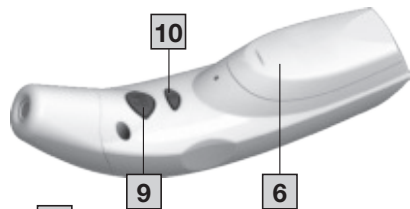
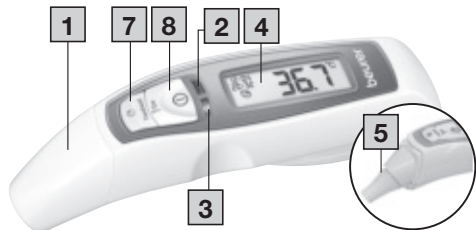
beurer

FT 65






EN	Multi-functional thermometer	
	Instructions for use	3

CE 0483



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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.

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 Services address.

- Thermometer
- 2x 1.5 V AAA batteries (LR03)
- Instructions for use
- Forehead/cover cap

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:

DANGER

Indicates an imminent danger. If it is not avoided, it will result in death or serious injury.

⚠ WARNING







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














⚠ 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 device or something in its vicinity may be damaged.

	Product information Note on important information
	Observe the instructions Read the instructions before starting work and/or operating devices or machines
	The electronic device must not be disposed of with household waste
	Manufacturer
	Date of manufacture
	CE labelling This product meets the requirements of the applicable European and national directives.

	Marking to identify the packaging material. A = material abbreviation, 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.
	Device protected against foreign objects ≥ 12.5 mm and against water dripping at an angle
	Direct current
	Battery
	Unique device identifier (UDI) Identifier for unique product identification
	Article number
	Serial number
	Medical device
	Type number
	Type BF applied part
	Temperature limit
	Humidity limitation

	Importer
	Protect from sunlight
	Swiss authorised representative

3. INTENDED USE

Purpose

The thermometer is intended exclusively for measuring human body temperature in the ear canal (ear temperature mode) or on the forehead (forehead temperature mode). The thermometer is only intended for private use at home, not for commercial use.

Target group

The thermometer is intended for medical care in a home environment, not in professional healthcare facilities. It is suitable for use on people of all ages. Self-administration is possible from the age of 12.

Clinical benefits

The thermometer can be used in a home environment to measure the body temperature in the ear canal or on the forehead. The temperature is monitored in °C (or °F) to one decimal place.

Indications

The thermometer allows the user to quickly and easily measure human body temperature in the ear canal or on the forehead. This enables the body temperature to be monitored.

Contraindications

The measurement must not be taken

- in an ear affected by inflammatory diseases (e.g. discharging pus or secretion)
- after possible ear injuries (e.g. eardrum damage)
- in the healing period after surgery
- in an ear with pathological narrowing of the ear canal

4. WARNINGS AND SAFETY NOTES

General notes

WARNING

- Keep packaging material away from children. There is a risk of suffocation.
- Keep the device away from children, animals, and vermin.
- The measurements you take are for your information only – they are not a substitute for a medical examination! Discuss your measured values with your doctor and never make your own medical decisions based on them (e.g. regarding medicine doses).
- If you obtain unusual temperature results, please contact your GP straight away.
- The device must not be used on ears where the ear canal is too small.
- Children must not be allowed to use the device. Medical devices are not toys.
- Do not modify the device.

CAUTION

- If the device has been stored at temperatures below 15 °C (59 °F) or above 35 °C (95 °F), allow it to acclimatise for about

60 minutes at an ambient temperature of 15 °C - 35 °C (59 °F - 95 °F) before use.

- This thermometer is a sensitive electronic device. Do not drop the device or subject it to any mechanical impacts.
- Do not expose the device to direct sunlight, extreme temperatures or high humidity.
- Do not expose the device to liquids. The device is not waterproof. Avoid all direct contact with water or other liquids.
- Portable and mobile HF communication systems may interfere with this device
- Do not touch the measuring sensor with your fingers.

Notes on handling batteries

DANGER

- **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.

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.

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.

5. INFORMATION ON MEASURING BODY TEMPERATURE

5.1 Influences on body temperature

- A person's individual metabolism
- Age: Body temperature is higher in infants and toddlers than in adults. Greater temperature fluctuations occur faster and more often in children. Normal body temperature decreases with age.
- Clothing
- Outside temperature
- Time of day: Body temperature is lower in the morning and increases throughout the day towards evening.
- Activity: Physical and, to a lesser extent, mental activities increase body temperature.

5.2 Influences from handling

- Temperatures measured with different thermometers should never be compared with one another. The temperature measurement varies depending on the part of the body where the measurement is taken. Take this into account when interpreting the measurement results.
- The device and the patient must remain in the room where the measurement is to be performed for at least 30 minutes before the measurement.
- After physical activity, after taking a bath, or after being outdoors, wait approximately 30 minutes before taking a measurement.
- Holding the thermometer in your hand for too long before taking a measurement can cause the device to warm up. This means the measurement could be incorrect.

- Repeat the measurement if you are unsure of the measured values.

5.3 Influences on ear measurement

- Some people produce different readings in their left and right ear. In order to record temperature changes, always measure a person's temperature in the same ear.
- This thermometer may only be used without single-use protective caps.
- If you have been lying on one ear for some time, the temperature is slightly raised. Wait a little while or measure in the other ear.
- Ensure that the ear is clean and dry. Clean it if necessary before taking the measurement.

5.4 Influences on forehead measurement

Remember:

- Physical activity, increased perspiration on the forehead, taking vasoconstrictive medication, wearing head coverings in the forehead area, staying outdoor and skin irritations can distort the measurement.
- The forehead must be uncovered and free from sweat, hair, cosmetics, and dirt. Expose or clean the forehead and wait 10 minutes to improve measurement accuracy.
- Keep the thermometer still during measurement. Moving the thermometer during this may cause inaccurate measurements.





NOTICE

If you are uncertain about interpreting the results or if the values are abnormal (e.g. fever), consult your doctor. This also applies in the case of slight temperature changes if there are other symptoms of illness such as agitation, heavy sweating, flushed skin, fast pulse rate, tendency to collapse, etc.

6. DEVICE DESCRIPTION

The associated drawings are shown on page 3.

- | | |
|--|--------------------------------------|
| 1 Forehead/cover cap | 2 LED (red) (fever indicator) |
| 3 LED (green) | 4 LCD |
| 5 Sensor tip with lens
(cover cap removed) | 6 Battery compartment lid |

	Buttons	Functions
7		Forehead thermometer mode button
8		Ear thermometer mode/on button
9		Memory button: Calling up saved values and saving menu settings
10		Set button: Setting the basic functions

Display description




- | | |
|--|---|
| 11 Date | 12 Time |
| 13 Measurement mode
("Ear", "Forehead",
"Object") | 14 Battery warning symbol |
| 15 Measurement display | 16 "Memory" symbol and
storage space number |
| 17 "Measurement in pro-
gress" symbol | 17 Unit of measurement (°C
or °F) |

7. INITIAL USE

Inserting the batteries

1. Remove the battery compartment lid **E**.
2. Insert the batteries (see chapter "Technical specifications") making sure the polarity is correct according to the label.
3. Close the battery compartment cover.

Replacing the batteries

When the batteries get weak, the battery warning symbol appears . It is still possible to measure temperature. The batteries must be replaced. When the battery symbol flashes  and  appears in the display, the batteries must be replaced. If the batteries are too flat, then the thermometer will switch off automatically.

To replace the batteries, follow the previous steps from "Inserting the batteries" and also observe the following steps:

- Take the used batteries out of the battery compartment.
- Insert new batteries. Make sure that the batteries are inserted the correct way round.




8. SETTINGS

Press the **1** button for 1 second to switch the thermometer on. The device performs a brief self test: all elements of the display are shown for approx. 1 second **A**. Following a successful self test, the device emits two short beeps. In Standby mode, the date and time are shown and "--" is displayed.

Set the unit for the temperature display as well as the date and the time.



When the thermometer is used for the first time and each time the batteries are changed, the date and time are displayed (after the


self test) in the basic setting (I- I 00:00). Now set the unit in which the temperature will be displayed, the date and the time. To set the device, proceed in stages: Unit – year – month – day – hours – minutes.



- Press the  button for approx. three seconds in order to reach Set mode.
The setting to be changed will flash each time.
- Press the button  to change the selected setting.
- Press the button  to save the setting.
- After this process, the thermometer shows the word *OFF* in the display and switches off automatically.

9. USAGE

9.1 Measuring body temperature in the ear

- Press the  button for 1 second to switch the thermometer on. Following a successful self test, the device emits two short beeps.
- Remove the cap by gently pushing it up (1) and then pulling it off forwards (2). 

Make sure that the sensor tip and also the ear canal are clean. As the ear canal is slightly curved, you have to pull the ear slightly up and backwards before inserting the sensor tip. This is important so that the sensor tip can be pointed directly at the eardrum. 





- Insert the sensor tip carefully and press the  button for 1 second.
- Release the  button. The end of the measuring time is signalled with a short beep and the measured value appears on the display.


If the measured value is within the normal range ($< 38^{\circ}\text{C}/100.4^{\circ}\text{F}$), the green LED lights up for 3 seconds. If the measured value is higher ($\geq 38^{\circ}\text{C}/100.4^{\circ}\text{F}$, high temperature), the red LED is illuminated.


9.2 Measuring body temperature on the forehead

Before starting the measurement, please check the following points:

- Correct measurement range 

1. To switch on the thermometer, briefly press the  button. After a brief self-test and two short beeps the device is ready for forehead temperature measurement.
2. Place the measuring head with the forehead/cover cap fitted on the temples, hold down the  button and move the thermometer smoothly over the forehead to the other temple. 
3. Then release the  button. The end of the measuring time is signalled with a short beep and the measured value appears on the display.

If the measurement is $< 38^{\circ}\text{C}$ (100.4°F), the LED lights up green . This indicates that the body temperature is in a normal range.

If the measurement is $\geq 38^{\circ}\text{C}$ (100.4°F) the LED lights up red . This indicates that the body temperature is above the normal range. The measurement is automatically saved with the date/time, memory space number and measurement mode.





The device automatically switches off after approx. 60 seconds.

9.3 Measuring the surface or room temperature




If you want to use the thermometer to measure the surface temperature, switch to object temperature mode.

- Then press the  and  buttons simultaneously for 3 seconds to switch to the Object temperature mode. The  symbol appears in the display.

The device switches to the object temperature mode.

- Press and hold the  button or  Forehead and point the sensor tip towards the object or liquid to be measured (never immerse in liquids), maintaining a distance of 3 cm.
- Release the  button or  Forehead. The end of the measuring time is signalled with a short beep and the measured value appears on the display.
- Measuring room temperatures: Keep the thermometer out in the room whose temperature you want to measure. Make sure that there are no objects in the vicinity that could falsify the measurement result.

Please note that the displayed temperature is the measured and not the adapted surface temperature. It is not the same as the forehead/ear temperature.


To switch back to the Ear/Forehead thermometer mode, press the  and  buttons simultaneously for 3 seconds until the  symbol disappears and there is a short beep. When switched on again, the object temperature mode is exited automatically.


9.4 Displaying stored measurements

The device automatically stores the values from the last 10 measurements.

If the 10 memory spaces are full, the oldest value is deleted.

The memory can be called up as follows:

1. Press the  button. The most recent measurement is displayed. The date, time, memory space number, the measurement mode symbol and the temperature are each displayed.

2. Pressing the  button again will display the next measured value.

Removing the batteries completely erases the measurement memory.

10. CLEANING AND MAINTENANCE

Cleaning the device

NOTICE

- The measuring sensor is the most sensitive part of the thermometer. Be very careful with the measuring sensor when cleaning the device.
- Do not use any harsh cleaning products.
- Antiseptics, warm water, thinner and benzene are not permitted.
- Always observe all safety notes for users and the device. (“4. Warnings and safety notes”)

Clean the sensor tip after each use. Use a soft cloth or cotton bud that can be moistened with 75% medical alcohol (e.g. isopropyl).

To clean the entire device, use a soft cloth slightly moistened with a mild soapy solution. Under no circumstances may liquid enter the device. Do not use the device again until it is completely dry.

Storing the device

NOTICE

The device must not be stored or used at an excessively high or low temperature or humidity (“13. Technical specifications”), in sunlight, in association with an electrical current or in dusty locations. Measurement inaccuracies can otherwise occur.

If prolonged storage is planned, you should remove the batteries.

11. WHAT IF THERE ARE PROBLEMS?

Display	Cause	Solution
„Hi“	The recorded temperature is higher than 1. Ear/Forehead thermometer mode: 109.4 °F (43°C) 2. Object temperature mode: 212 °F (100°C)	Operate the thermometer only between the specified temperature ranges. If necessary, clean the sensor tip. In the event of a repeated error message, contact your retailer or customer services.
„Lo“	The recorded temperature is lower than 1. Ear/Forehead thermometer mode: 93.2 °F (34°C) 1. Object temperature mode: 32 °F (0°C)	Operate the thermometer only between the specified temperature ranges. If necessary, clean the sensor tip. In the event of a repeated error message, contact your retailer or customer services.
	The batteries are weak.	Replace the batteries.
„Err“	The operating temperature is not in the range from 50 to 104 °F (10°C to 40°C).	Operate the thermometer only between the specified temperature ranges.

12. 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. Dispose of the device in accordance 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.

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.



13. TECHNICAL SPECIFICATIONS

If the device is not used according to the specifications, perfect functionality cannot be guaranteed!

We reserve the right to make technical changes to improve and develop the product.

Model	FT 65
Type	FT 65
Measurement method	Infrared measurement
Basic functions	Ear temperature measurement Forehead temperature measurement Object temperature measurement
Measurement units	Celsius (°C) or Fahrenheit (°F)
Operating mode	Comparison mode

Operating conditions	15 °C to 35 °C (59 °F to 95 °F) at a relative humidity ≤ 85 %, 700-1060 hPa ambient pressure
Storage and transport conditions	-25 °C to 55 °C (-13 °F to 131 °F) at a relative humidity ≤ 85 %
Minimum measurement duration	≤ 1 second
Clinical accuracy	Ear thermometer mode (at the eardrum): Clinical bias: -0.03 °C Limit of Agreement: 0.36 °C Clinical repeatability: ± 0.07 °C
	Forehead thermometer mode (on the forehead skin): Clinical bias: -0.04 °C Limit of Agreement: 0.38 °C Clinical repeatability: ± 0.07 °C
Measurement ranges	Ear and forehead temperature mode: 34 °C - 43 °C (93.2 °F - 109.4 °F) Object temperature mode: 0 °C - 100 °C (32 °F - 212 °F)

Laboratory measurement precision	Ear temperature mode: ± 0.20 °C (± 0.40 °F) at 35-42 °C (95-107.6 °F), outside this range ± 0.30 °C (± 0.5 °F) Forehead temperature mode: ± 0.20 °C (± 0.40 °F) at 35-42 °C (95-107.6 °F), outside this range ± 0.30 °C (± 0.5 °F) Object temperature mode: ± 1.5 °C (± 2.7 °F) <30 °C (86 °F); ± 5% >30°C (86 °F)
Memory function	Automatically stores the last 10 measurements.
Display	LCD
Energy-saving functions	The device switches off automatically after 60 seconds.
Dimensions Width x depth x height	38.2 x 138.0 x 46.5 mm
Weight	approx. 63 g (without batteries)
Battery 2 x1.5V AAA (LR03)	Batteries last for approx. 3000 measurements
IP protection	IP22: protected against solid foreign bodies larger than 12.5 mm in diameter and water dripping at an angle of 15°
Expected useful life	Information on the service life of the product can be found on the homepage.
Classification	Internally powered ME device. Continuous operation. BF applied part

Display resolution	0.1°C/°F
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The serial number is located on the device or in the battery compartment.

Clinical test according to ISO 80601-2-56. Thermometer with adapted mode (forehead/ear mode) with oral equivalence measurement.

We reserve the right to make technical changes to improve and develop the product.

The device conforms with the respective national regulations and European standard EN 60601-1-2 (Group 1, Class B, in accordance with CISPR-11, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-8, IEC 61000-4-39) and is subject to particular precautions with regard to electromagnetic compatibility.

The accuracy of this thermometer has been carefully checked and it has been developed with a long service life in mind. If the device is used for commercial medical purposes, the applicable national regulations determine whether it must be tested for accuracy by appropriate means.

14. WARRANTY/SERVICE

Further information on the warranty and warranty conditions can be found in the warranty leaflet supplied. Before submitting a claim, please check the batteries and replace them if necessary.

Notification of incidents

For users/patients in the European Union and identical regulation systems, the following applies: If a major incident occurs during or through use of the product, notify the manufacturer and/or their representative of this as well as the respective national authority of the member state in which the user/patient is located.



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