

Beurer HM16

Beurer HM16 Thermo Hygrometer Instruction Manual

Model: HM16 (Type 67915)

INTRODUCTION

Thank you for choosing the Beurer HM16 Thermo Hygrometer. This device is designed to accurately measure and display the ambient temperature and relative humidity. It features a large, easy-to-read display and a "smiley" indicator for comfort levels. Please read these instructions carefully before first use and keep them for future reference.

IMPORTANT SAFETY INFORMATION

- Keep the device away from water and moisture.
- Do not expose the device to direct sunlight or extreme temperatures.
- Do not drop or subject the device to strong impacts.
- Do not attempt to open or repair the device yourself. Contact authorized service personnel.
- Keep batteries out of reach of children. If swallowed, seek immediate medical attention.
- Dispose of batteries and the device according to local regulations.

PACKAGE CONTENTS

Please check that all items are present and undamaged upon receipt:

- 1x Beurer HM16 Thermo Hygrometer
- 1x Lithium Metal Battery (CR2025, pre-installed or separate)
- 1x Instruction Manual (this document)

DEVICE OVERVIEW

Familiarize yourself with the components of your Beurer HM16 Thermo Hygrometer.

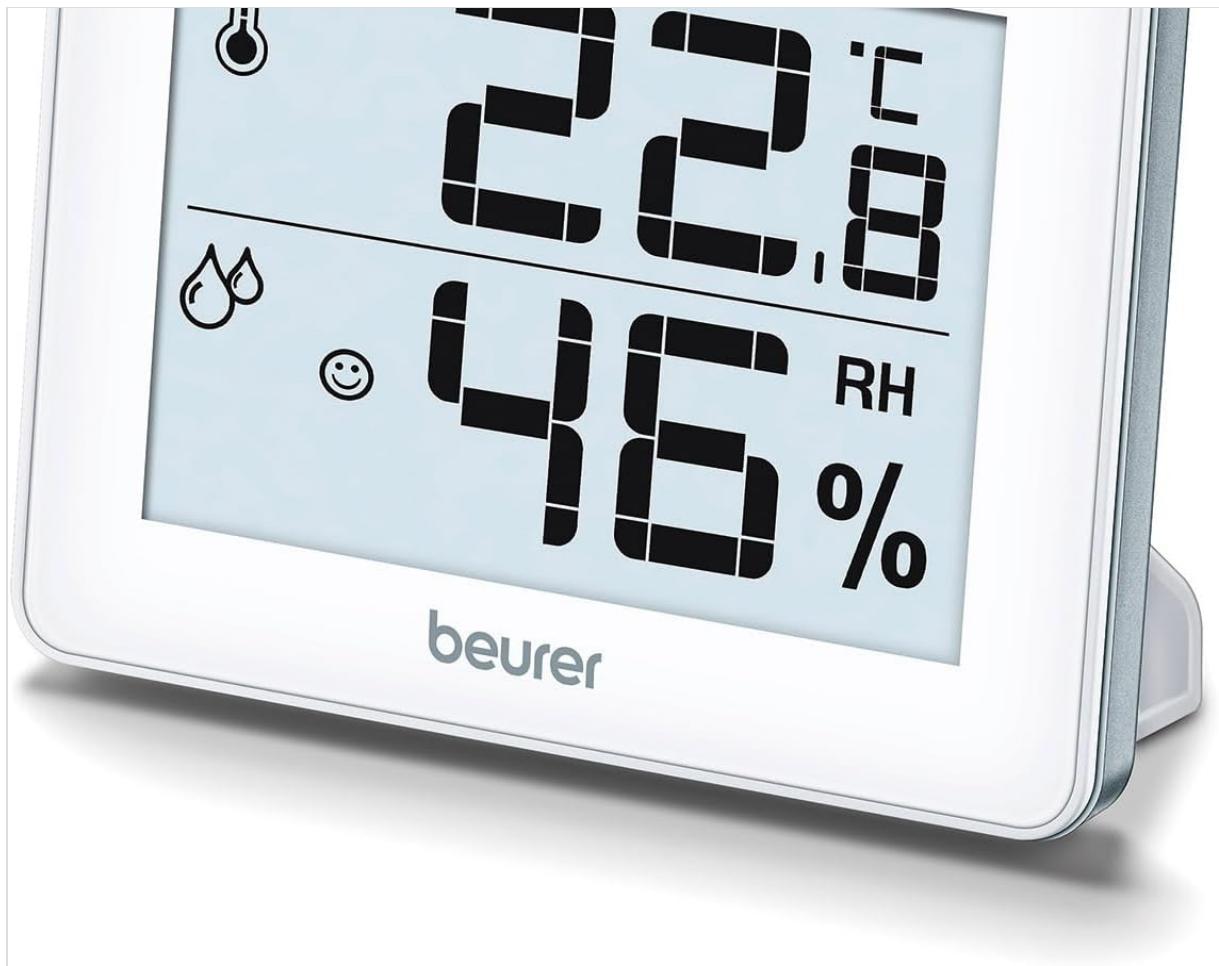


Figure 1: Front View of Beurer HM16

This image shows the front of the Beurer HM16 Thermo Hygrometer, featuring its large digital display. The display indicates both temperature and relative humidity, along with a comfort level smiley icon. The device is shown with its integrated fold-out stand extended, allowing for tabletop placement.



Figure 2: Back View of Beurer HM16

This image displays the rear of the Beurer HM16 Thermo Hygrometer. Visible features include the battery compartment cover, a small button for switching between Celsius and Fahrenheit (°C/°F), and a keyhole slot for wall mounting. The fold-out stand is also shown in its retracted position.

- 1. Display:** Shows temperature, humidity, and comfort indicator.
- 2. Battery Compartment:** Located on the back.
- 3. °C/°F Switch:** Button on the back to change temperature units.
- 4. Fold-out Stand:** For tabletop placement.
- 5. Wall Mount Hole:** For hanging the device.

SETUP

1. Battery Installation

The Beurer HM16 requires one CR2025 Lithium Metal battery. This battery is typically included and may be pre-installed with a protective tab.

1. Locate the battery compartment on the back of the device (refer to Figure 2).
2. If a protective tab is present, gently pull it out to activate the battery.
3. If replacing the battery, use a small screwdriver or coin to open the battery compartment cover.
4. Insert the new CR2025 battery with the positive (+) side facing upwards.

5. Close the battery compartment cover securely.

2. Placement

The device can be placed on a flat surface or mounted on a wall.

- **Tabletop Placement:** Extend the fold-out stand on the back of the device. Place the hygrometer on a stable, flat surface away from direct heat sources, windows, or vents that could affect readings.
- **Wall Mounting:** Use a screw (not included) suitable for your wall type. Insert the screw into the wall, leaving a small portion protruding. Hang the device using the keyhole slot on its back (refer to Figure 2).

OPERATING THE DEVICE

1. Automatic Display

Once the battery is installed, the device will automatically power on and begin displaying the current temperature and relative humidity. Readings are updated regularly.

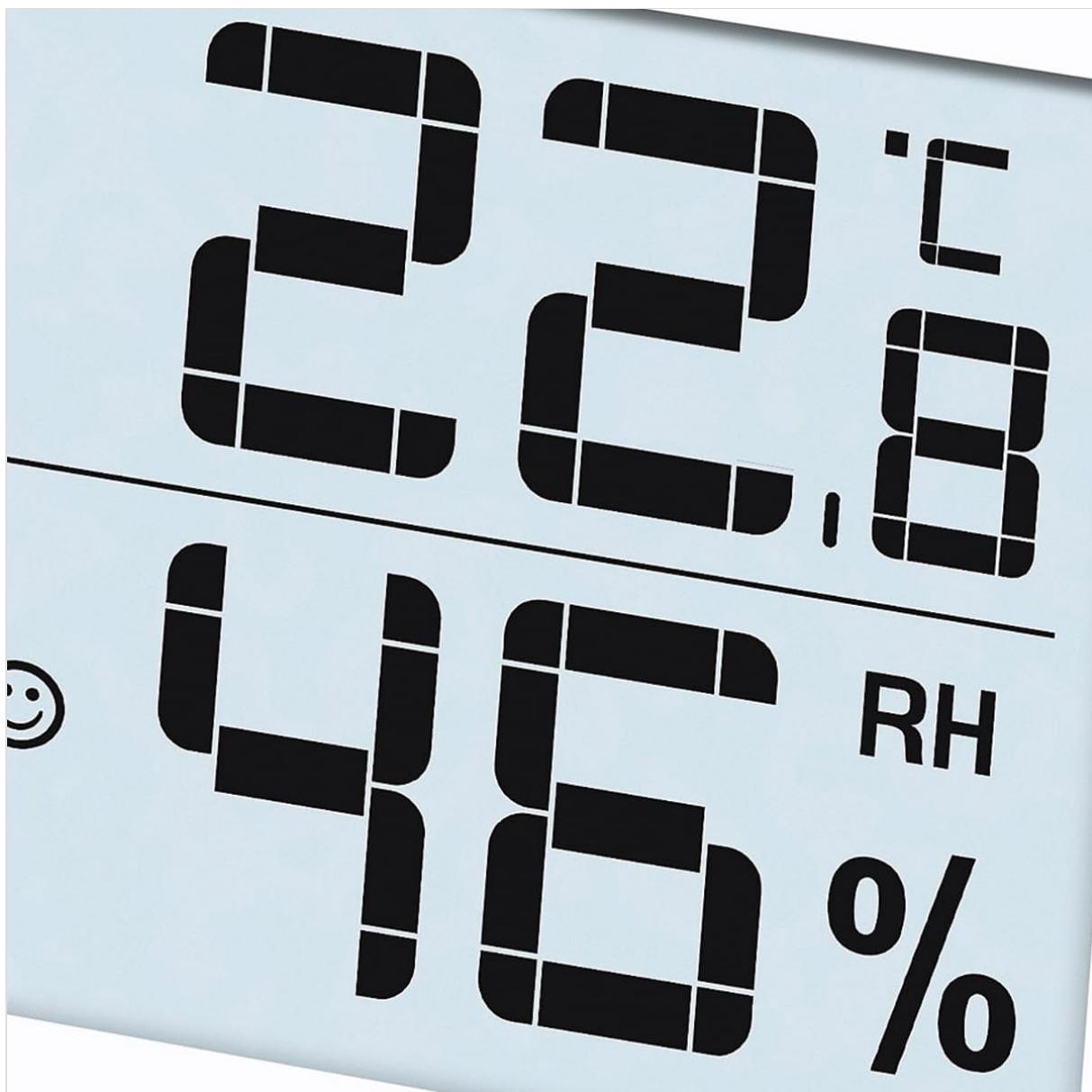


Figure 3: Display Example

This close-up image shows the digital display of the Beurer HM16, clearly indicating a temperature of 22.8 °C and a relative humidity of 46% RH. A small smiley icon is also visible, indicating the comfort level.

2. Switching Temperature Units (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F):

- Locate the small button labeled "°C/°F" on the back of the device (refer to Figure 2).
- Press this button once to toggle the temperature display between Celsius and Fahrenheit.

3. Comfort Level Indicator (Smiley Display)

The HM16 features a visual comfort indicator to quickly assess the indoor climate:

- **Smiling Face :)** : Indicates a comfortable climate (Temperature: 20-25°C / 68-77°F, Humidity: 30-60% RH).
- **Neutral Face :|** : Indicates a dry climate (Humidity: <30% RH, regardless of temperature).
- **Sad Face :(** : Indicates a wet climate (Humidity: >60% RH, regardless of temperature).



Figure 4: Comfort Indicator and Icons

This image provides a close-up of the display's icons, including the thermometer symbol for temperature, the droplet symbols for humidity, and the smiling face icon which serves as the comfort level indicator. This visual cue helps users quickly understand the current indoor climate conditions.

MAINTENANCE AND CARE

- Clean the device regularly with a soft, dry cloth.
- Do not use abrasive cleaning agents or solvents.
- If the device will not be used for an extended period, remove the battery to prevent leakage.
- Store the device in a cool, dry place.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No display / Display is dim	Battery is empty or incorrectly inserted.	Replace the battery (CR2025) or ensure it is inserted correctly with the positive (+) side up.
Inaccurate readings	Device placed near heat sources, vents, or in direct sunlight.	Relocate the device to a central area of the room, away from factors that could influence readings. Allow time for stabilization.
Temperature unit cannot be changed	Button not pressed firmly or device malfunction.	Ensure the °C/°F button on the back is pressed firmly. If the issue persists, contact customer support.

TECHNICAL SPECIFICATIONS

- **Model:** HM16 (Type 67915)
- **Product Dimensions:** 10 x 21.5 x 8.1 cm
- **Weight:** 100 g (0.1 Kilograms)
- **Power Supply:** 1 x CR2025 Lithium Metal battery (included)
- **Temperature Measurement Range:** 0°C to 50°C (32°F to 122°F)
- **Temperature Accuracy:** $\pm 0.5^{\circ}\text{C}$ ($\pm 1^{\circ}\text{F}$)
- **Humidity Measurement Range:** 20% to 95% RH
- **Humidity Accuracy:** $\pm 5\%$ RH (between 40-80% RH)
- **Mounting Type:** Tabletop, Wall Mount
- **Manufacturer:** Beurer GmbH

WARRANTY AND SUPPORT

For information regarding warranty terms and conditions, or if you require technical support, please refer to the warranty card included with your product or visit the official Beurer website. You may also contact Beurer customer service directly for assistance.

Note: The manufacturer's legal disclaimer states that actual product packaging and materials may contain more and different information than what is shown on websites. Always read labels, warnings, and directions before using or consuming a product.

DISPOSAL

Disposal of the Device

Do not dispose of the device in household waste. Dispose of the device in accordance with local regulations for electronic waste. Contact your local authorities or waste disposal service for information on proper disposal methods.

Disposal of Batteries

Batteries must not be disposed of with household waste. They may contain toxic heavy metals and are subject to special waste treatment. Dispose of batteries at designated collection points in accordance with local regulations.