

[Manuals.plus](#) /

› [TEMOLA](#) /

› TEMOLA TM27 Kitchen Thermometer User Manual

TEMOLA TM27

TEMOLA TM27 Kitchen Thermometer User Manual

Model: TM27

INTRODUCTION

Thank you for choosing the TEMOLA TM27 Kitchen Thermometer. This device is designed to provide accurate and rapid temperature readings for various cooking applications, including meat, liquids, and baked goods. Please read this manual thoroughly before use to ensure proper operation and to maximize the lifespan of your thermometer.

SAFETY INFORMATION

- **Probe Safety:** The probe tip is sharp. Handle with care to prevent injury.
- **Heat Resistance:** The main foldable probe is designed for instant-read measurements and should not be left inside an oven. The wired probe is oven-safe and can withstand high temperatures, but ensure the main unit is kept outside the oven.
- **Cleaning:** Do not immerse the main unit in water. Clean the probe with a damp cloth and mild detergent.
- **Battery Handling:** Keep batteries out of reach of children. Dispose of used batteries responsibly.
- **Temperature Range:** Do not expose the thermometer to temperatures outside its specified range (-50°C to 300°C / -58°F to 572°F) to avoid damage.

PACKAGE CONTENTS

The TEMOLA TM27 Kitchen Thermometer package includes the following items:

- 1 x TEMOLA TM27 Kitchen Thermometer (Main Unit)
- 1 x Oven-Safe Wired Probe

- 2 x CR2032 Batteries (one pre-installed, one spare)
- 1 x Drawstring Storage Bag
- 1 x Meat Temperature Guide
- 1 x User Manual
- 4 x Hooks/Rings for temperature guide



Figure 7: Complete package contents including the thermometer, probes, and accessories.

PRODUCT OVERVIEW

Familiarize yourself with the components of your TEMOLA TM27 Kitchen Thermometer:



Figure 5: Labeled diagram of the TEMOLA TM27 Kitchen Thermometer components.

1. **Temperature Guide:** Printed on the unit for quick reference.
2. **Probe Shaft and Sensor:** The main foldable probe for instant readings.
3. **LED Display:** Large, backlit screen for clear temperature readings.
4. **ALARM SET Button:** Used to set the target temperature for the alarm.
5. **°F/°C Button:** Toggles between Fahrenheit and Celsius units.
6. **HOLD/CAL Button:** Used to hold the current temperature reading or initiate calibration.
7. **Detachable Wired Probe and Sensor:** Oven-safe probe for continuous monitoring.
8. **Large Hang Hole:** For convenient storage.
9. **Battery Compartment:** Houses the CR2032 battery.
10. **Jack for Wired Probe Sensor:** Port for connecting the detachable wired probe.
11. **Built-in Magnet:** For attaching the unit to metallic surfaces like refrigerators.

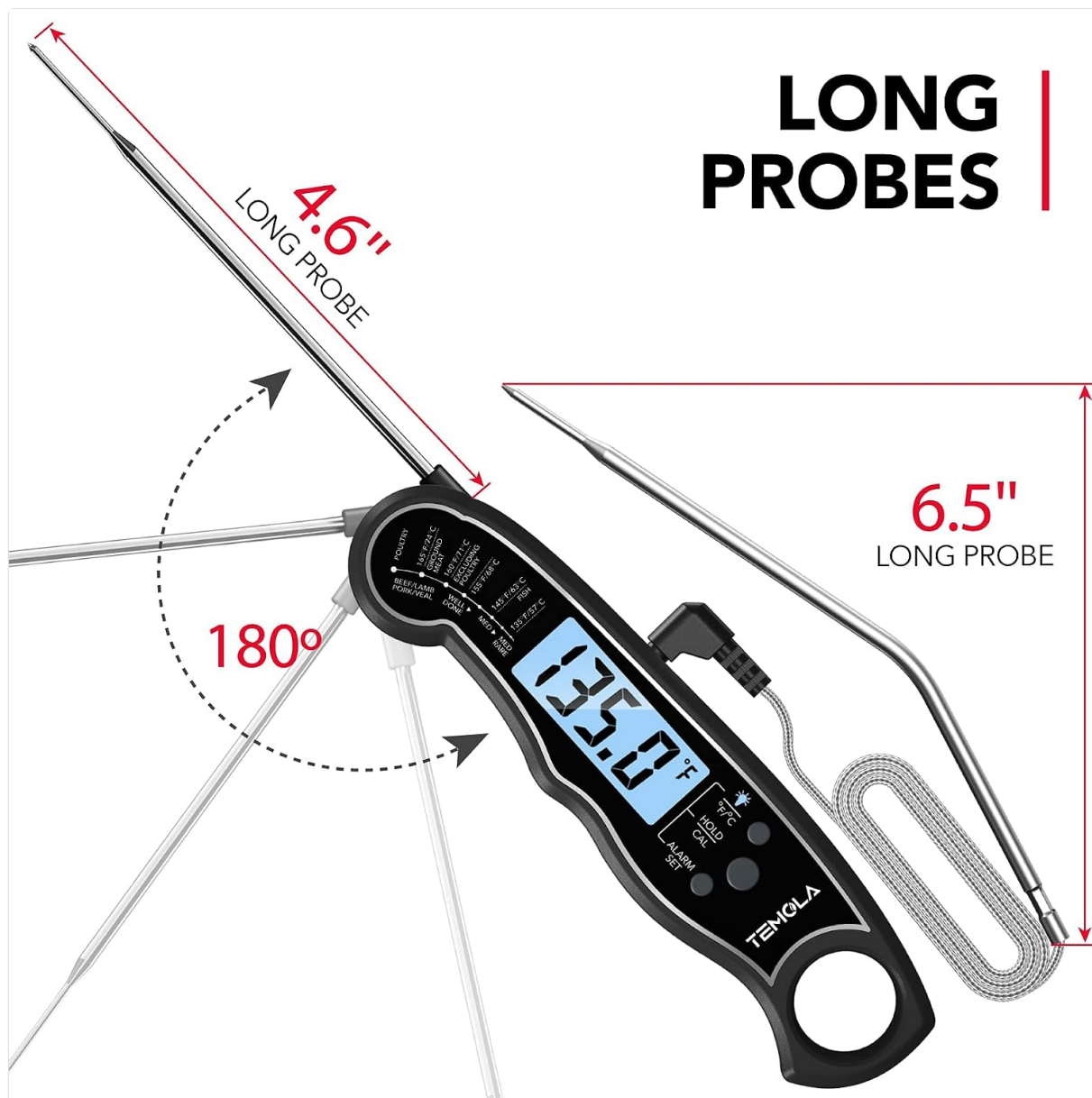


Figure 4: Dimensions of the main (4.6") and wired (6.5") probes, highlighting the 180° rotational design.

SETUP

1. Battery Installation

The thermometer comes with one CR2032 battery pre-installed and one spare. If the display does not turn on, or if the display is dim, you may need to replace the battery.

1. Locate the battery compartment on the back of the unit (labeled 9 in Figure 5).
2. Use a coin or small screwdriver to twist open the battery cover.
3. Insert a new CR2032 battery with the positive (+) side facing up.
4. Replace the battery cover and twist to secure it.

2. Initial Power On

The thermometer automatically powers on when the main foldable probe is extended. It powers off when the probe is folded back into the unit. If the wired probe is connected, the unit will also power on.

OPERATING INSTRUCTIONS

1. Basic Temperature Measurement

1. Extend the main foldable probe or connect the wired probe to the unit. The thermometer will power on.
2. Insert the probe tip into the thickest part of the food, avoiding bone or gristle.
3. Wait for 2-3 seconds for the temperature reading to stabilize on the LCD display.



Figure 2: Instant-read capability and temperature unit switching.

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

Press the °F/°C button (labeled 5 in Figure 5) to toggle between Fahrenheit and Celsius temperature displays.

3. Using the Wired Probe

The wired probe is designed for continuous temperature monitoring, especially when cooking in an oven or grill.

1. Plug the wired probe into the jack on the side of the main unit (labeled 10 in Figure 5). The unit will automatically power on.
2. Insert the wired probe tip into the food.
3. Place the food with the probe into the oven or grill. Ensure the main unit remains outside the heat

source.

4. Monitor the temperature on the display.



Figure 1: TEMOLA TM27 Thermometer with wired probe in use, showing oven-safe functionality.

4. Setting the Alarm Function

The alarm function alerts you when the food reaches a desired temperature.

1. Press the **ALARM SET** button (labeled 4 in Figure 5). The alarm temperature will flash.
2. Use the °F/°C button to increase the temperature and the **HOLD/CAL** button to decrease it.
3. Press **ALARM SET** again to confirm the setting.
4. When the measured temperature reaches the set alarm temperature, the alarm will sound for 10 minutes unless any button is pressed to stop it.

5. Hold Function

To hold the current temperature reading on the display, press the **HOLD/CAL** button briefly. Press it again to release the hold and resume live temperature readings.

6. Backlight

The large LCD display features a bright backlight for easy reading in low-light conditions. The backlight

automatically activates when the probe is extended or a button is pressed, and it will turn off after a short period of inactivity to conserve battery life.

CALIBRATION

The TEMOLA TM27 thermometer is pre-calibrated at the factory. However, if you suspect inaccuracy, you can perform a user calibration using an ice water bath.

Ice Water Calibration Procedure:

1. Fill a glass with crushed ice and then add cold water until the glass is full. Stir the mixture well and let it sit for 3-5 minutes.
2. Insert the thermometer probe into the center of the ice water mixture, ensuring the probe tip does not touch the bottom or sides of the glass.
3. Wait for the reading to stabilize (approximately 30 seconds). The temperature should read 0°C (32°F).
4. If the reading is not 0°C (32°F), press and hold the **HOLD/CAL** button for 3 seconds. The display will flash, indicating calibration mode.
5. The thermometer will automatically adjust to 0°C (32°F). Release the button. The calibration is complete.



Figure 3: Calibration process using ice water.

CARE AND MAINTENANCE

- **Cleaning:** After each use, wipe the probe with a damp cloth and mild soap. Rinse the probe tip with clean water. Do not immerse the main unit in water or place it in a dishwasher.
- **Storage:** Fold the main probe back into the unit when not in use. Store the thermometer in the included drawstring bag to protect it from dust and damage. The built-in magnet allows for convenient storage on metallic surfaces.
- **Battery:** Replace the CR2032 battery when the display becomes dim or unresponsive.



Figure 6: Storage options: built-in magnet and hang hole with included dust bag.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Display is blank or dim.	Low or dead battery.	Replace the CR2032 battery.

Problem	Possible Cause	Solution
Inaccurate temperature readings.	Probe not inserted correctly; needs calibration.	Ensure probe is in the thickest part of the food. Perform ice water calibration.
Alarm does not sound.	Alarm not set or set incorrectly.	Verify alarm settings using the ALARM SET button.
Unit does not turn on/off automatically.	Probe not fully extended/retracted; wired probe not fully inserted/removed.	Ensure the foldable probe is fully extended to turn on, or fully retracted to turn off. Ensure the wired probe is firmly connected or disconnected.

SPECIFICATIONS

- **Model:** TM27
- **Temperature Range:** -50°C to 300°C (-58°F to 572°F)
- **Accuracy:** ±1°C (±2°F)
- **Response Time:** 2-3 seconds
- **Probe Material:** Food-grade stainless steel
- **Display:** Large Backlit LCD
- **Power Source:** 1 x CR2032 battery
- **Dimensions (Folded):** Approximately 11.68 x 2.51 x 0.51 cm
- **Weight:** Approximately 101 grams
- **Special Features:** Instant Read, Wired Probe, Alarm Function, Hold Function, Calibration, Built-in Magnet, Hang Hole

WARRANTY AND SUPPORT

TEMOLA products are designed for reliability and performance. For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official TEMOLA website. Please retain your proof of purchase for any warranty claims.