

[Manuals.plus](#) /

> [esmen](#) /

> esmen Meat Thermometers Food Thermometers Foldable Probe Kitchen Thermometer Instant Read Meat Thermometer for Cooking Food Candy, BBQ Grill, Liquids,Beef

esmen Instant Read Foldable Probe Thermometer

esmen Instant Read Foldable Probe Thermometer

USER MANUAL

1. Introduction

Thank you for choosing the esmen Instant Read Foldable Probe Thermometer. This device is designed to provide quick and accurate temperature readings for various food items and liquids, ensuring your meals are cooked to perfection and safe for consumption. Please read this manual thoroughly before using the thermometer to ensure proper operation and maintenance.

2. Safety Information

- **Do not touch the hot probe with bare hands.** Always use oven mitts or heat-resistant gloves when handling the probe after use.
- **Keep out of reach of children.** The probe has a sharp tip.
- **Do not immerse the entire thermometer in water.** The main body is not waterproof; only the stainless steel probe is designed for contact with food and liquids.
- **Do not leave the thermometer in an oven or grill during cooking.** This thermometer is designed for instant readings and is not oven-safe. High temperatures can damage the electronic components.
- **Clean the probe thoroughly after each use** to prevent cross-contamination.
- **Avoid dropping the thermometer** as this may damage internal components.

3. Product Overview

The esmen Instant Read Foldable Probe Thermometer features a durable ABS material body and a 304 stainless steel probe. It is designed for ease of use and portability.



Figure 3.1: Front view of the esmen Instant Read Foldable Probe Thermometer with its stainless steel probe extended, showing the digital display and control buttons.

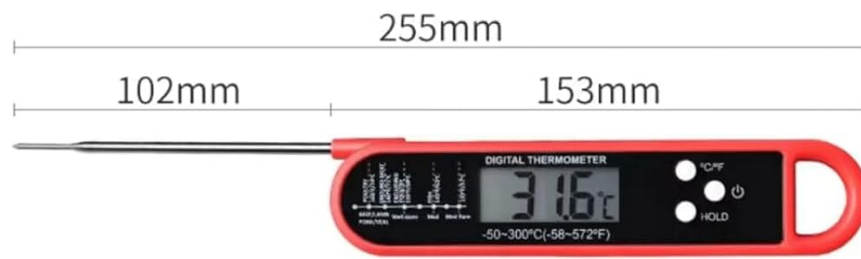


Figure 3.2: Diagram illustrating the dimensions of the thermometer, showing a total length of 255mm when the probe is extended, with the probe measuring 102mm and the body 153mm.

Components:

- **Foldable Stainless Steel Probe:** For inserting into food or liquids.
- **Digital LCD Display:** Shows temperature readings clearly.
- **°C/°F Button:** Toggles between Celsius and Fahrenheit.
- **HOLD Button:** Freezes the current temperature reading on the display.
- **Power Button:** Turns the thermometer on/off.
- **Hanging Hole:** For convenient storage.

4. Setup

The esmen thermometer comes ready for use. Follow these steps for initial preparation:

1. **Unpack:** Carefully remove the thermometer from its packaging.
2. **Clean the Probe:** Before first use, wipe the stainless steel probe with a damp cloth and mild soap. Rinse

thoroughly and dry.

3. **Unfold Probe:** Gently unfold the stainless steel probe from the body until it locks into place.
4. **Power On:** Press the power button to turn on the thermometer. The display will light up.

5. Operating Instructions

This thermometer provides instant and accurate temperature readings for a variety of cooking applications.



Figure 5.1: A hand demonstrating the unfolding action of the thermometer's probe, showing its flexible movement.

General Usage:

- **Insert Probe:** Insert the tip of the stainless steel probe into the thickest part of the food or liquid, avoiding bones or gristle.
- **Read Temperature:** The digital display will show the temperature reading within seconds.
- **Switch Units:** Press the °C/°F button to switch between Celsius and Fahrenheit units.
- **Hold Reading:** Press the HOLD button to freeze the current temperature reading on the display. Press again to release.

- **Power Off:** The thermometer will automatically shut off after 10 minutes of inactivity to conserve battery. You can also manually turn it off by pressing the power button.



Figure 5.2: The thermometer's probe inserted into a glass of milk, demonstrating its use for measuring liquid temperatures.



Figure 5.3: The thermometer's probe inserted into a piece of meat cooking on a grill, illustrating its application for solid food temperature measurement.

Recommended Internal Temperatures:

Always refer to official food safety guidelines for precise temperature recommendations. The following are general guidelines:

Food Type	Minimum Internal Temperature
Poultry (Chicken, Turkey)	165°F (74°C)
Ground Meat (Beef, Pork, Lamb)	160°F (71°C)
Beef/Lamb/Veal (Steaks, Roasts) - Medium	145°F (63°C)
Beef/Lamb/Veal (Steaks, Roasts) - Well Done	170°F (77°C)
Fish	145°F (63°C)

Food Type	Minimum Internal Temperature
Pork (Chops, Roasts)	160°F (71°C)
Liquids (Coffee, Milk, Water)	Desired temperature (e.g., 150-160°F for hot beverages)

6. Maintenance and Care

- **Cleaning:** After each use, wipe the stainless steel probe with a damp cloth and mild detergent. Rinse the probe under running water, being careful not to get the main body wet. Dry thoroughly. Do not put the thermometer in a dishwasher.
- **Storage:** Fold the probe back into the body for safe storage. Store the thermometer in a dry place at room temperature, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** If the display becomes dim or shows an error, the battery may need replacement. Refer to the specifications for battery type. (Battery compartment typically on the back, secured by a small screw).

7. Troubleshooting

Problem	Possible Cause	Solution
Display is blank or dim	Low battery or no battery.	Replace the battery. Ensure it is inserted correctly.
Inaccurate readings	Probe not inserted deep enough; probe tip touching bone/gristle; thermometer exposed to extreme temperatures.	Ensure probe is in the thickest part of the food, away from bones. Allow thermometer to return to room temperature if exposed to extremes.
Thermometer won't turn on/off	Battery issue; internal malfunction.	Check/replace battery. If problem persists, contact customer support.

8. Specifications

- **Product Name:** Barbecue Thermometer
- **Model:** Instant Read Foldable Probe Thermometer
- **Color:** Red+Black
- **Material:** ABS material + 304 Stainless Steel
- **Temperature Range:** -50°C to 300°C (-58°F to 572°F)
- **Display Type:** Digital LCD
- **Special Feature:** Fast Reading System
- **Power Source:** Button Cell Battery (e.g., CR2032, not specified in input, common for such devices)
- **Product Dimensions:** 255mm (total length with probe extended)
- **Care Instructions:** Wipe Clean (probe only)

9. Warranty and Support

esmen products are manufactured with quality and reliability in mind. For any questions, technical support, or

warranty claims, please contact esmen customer service through the retailer where the product was purchased or visit the official esmen website for contact information. Please retain your proof of purchase for warranty purposes.