

## ROUVO XY-M02

# ROUVO Smart Wireless Meat Thermometer (Model XY-M02) User Manual

Dual Probe Bluetooth & WiFi Combo for Precision Cooking

## 1. INTRODUCTION

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Thank you for choosing the ROUVO Smart Wireless Meat Thermometer, Model XY-M02. This device is designed to provide accurate temperature monitoring for various cooking applications, including BBQ, grilling, smoking, oven use, and air frying. With its dual probes, Bluetooth and WiFi connectivity, and intuitive app, you can achieve perfectly cooked results every time.

## 2. IMPORTANT SAFETY INFORMATION

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- Always handle probes with care. The probe tips are sharp.
- Do not expose the repeater unit to direct heat or flames.
- Ensure probes are fully inserted into the thickest part of the meat, avoiding bone.
- The probes are designed for high temperatures but avoid direct contact with heating elements.
- Keep the device and its components out of reach of children.
- While probes are IP67 waterproof and dishwasher safe, the repeater unit is not. Clean the repeater with a damp cloth only.

## 3. PACKAGE CONTENTS

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Verify that all items are present in your package:

- 1 × Repeater Unit
- 2 × Wireless Probes
- 1 × User Manual (this document)
- 1 × USB Type-C Charging Cable

## 4. PRODUCT OVERVIEW

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The ROUOU Smart Wireless Meat Thermometer system consists of a repeater unit and two wireless probes. Each probe features dual sensors for precise temperature readings.

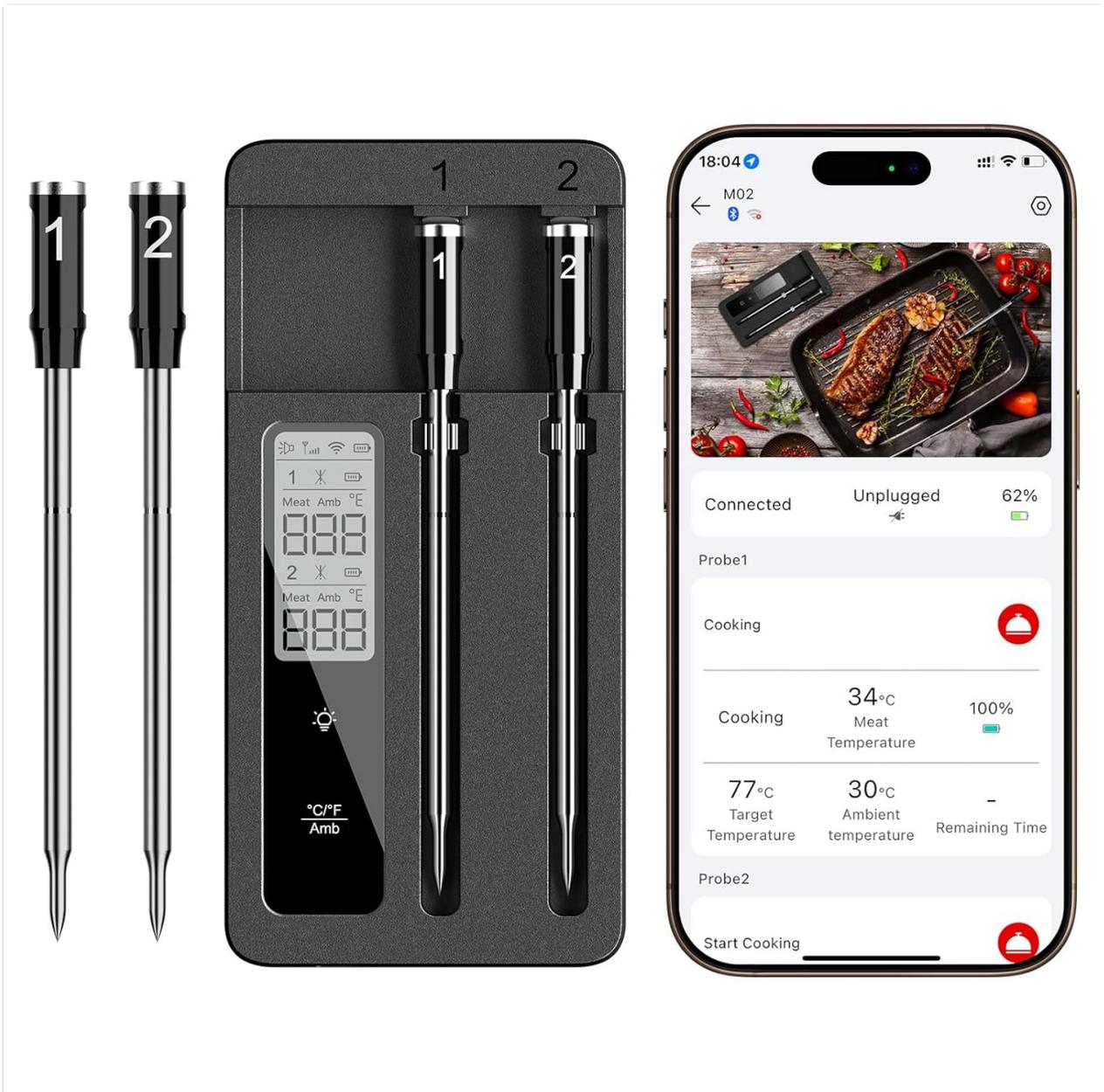


Figure 4.1: Repeater unit, two probes, and the companion app interface.

#### 4.1. Probe Features

## Cook and Grill Like a Pro

Every Meal, Every Time, Perfectly Cooked



Figure 4.2: Each probe contains two sensors for comprehensive temperature monitoring.

- **Internal Temperature Sensor:** Measures the core temperature of the food (Range: 14°F to 212°F / -10°C to 100°C).
- **Ambient Temperature Sensor:** Measures the surrounding temperature of the cooking environment (Range: 14°F to 572°F / -10°C to 300°C).
- Constructed from 304 food-grade stainless steel with high heat resistance ceramic.
- IP67 waterproof rating for easy cleaning.

### 4.2. Repeater Unit Features

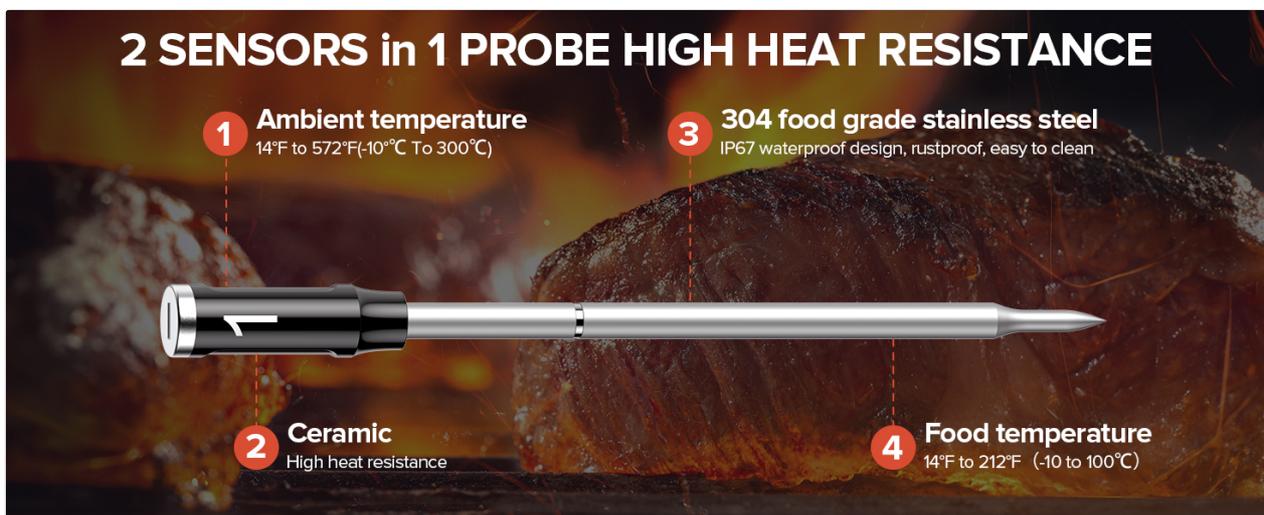


Figure 4.3: The repeater unit features a backlit display and touch controls.

- **Backlit LCD Display:** Shows real-time temperatures for both probes, battery levels, and connection status.
- **Touch Screen Buttons:** For easy operation and F/C unit switching.
- **Bluetooth & WiFi Connectivity:** Connects to your smartphone for remote monitoring.
- **Built-in Magnets:** For convenient attachment to metal surfaces.
- **Tabletop Stand:** For stable placement on flat surfaces.

## 5. SETUP

## 5.1. Charging the Device

Before first use, fully charge the repeater unit and probes.



Figure 5.1: Charging the repeater unit via USB Type-C.

- Connect the repeater unit to a USB power source using the provided Type-C cable.
- Place the probes into the repeater unit for charging.
- **Repeater Charging Time:** Approximately 3-4 hours.
- **Probe Charging Time:** Approximately 20 minutes.
- A full charge provides approximately 24 hours of probe usage.

## 5.2. App Installation

Download the companion app to your smartphone for full functionality and remote monitoring.

# MEET THE APP

Simplify your cooking, the first step to the chef  
Monitor cooks on phone and get an alert when the food is ready!



## Receive Alerts

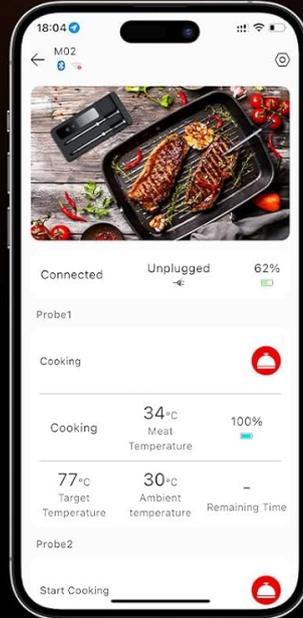


Figure 5.2: Download the companion app from your device's app store.

- Search for the ROUJO Smart Thermometer app on the Apple App Store (for iOS devices) or Google Play Store (for Android devices).
- Install the app and grant necessary permissions.

### 5.3. Connectivity (Bluetooth & WiFi)

The device supports both Bluetooth and WiFi for flexible monitoring.

## 2.4G WIFI & BLUETOOTH DUAL CONNECTIVITY

Freely switch between the two modes. Seamless temperature monitoring



Figure 5.3: Connection diagram for probes, repeater, and app.

- **Bluetooth Connection:** For quick setup and monitoring within approximately 130 feet (40 meters) of the repeater.
- **WiFi Connection:** For extended range monitoring from anywhere with an internet connection. The repeater connects to your home 2.4G WiFi network, extending the range to approximately 200 feet (60 meters) from the repeater to your router.
- Follow the in-app instructions to pair the repeater with your smartphone via Bluetooth and then connect it to your 2.4G WiFi network.

## 6. OPERATING INSTRUCTIONS

### 6.1. Using the Probes

# 1 PROBE, 2 SENSORS

Applicable to the high temperatures when use in an oven

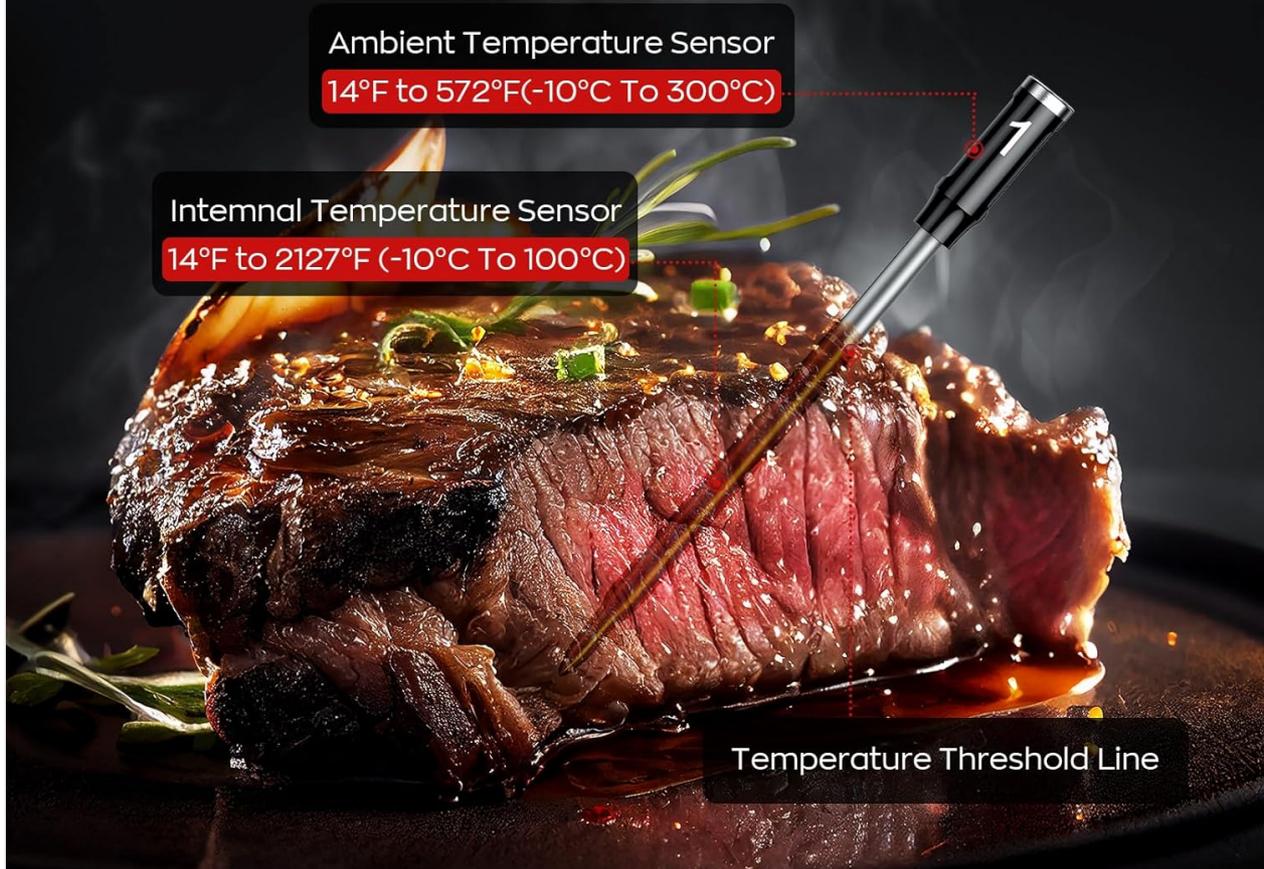


Figure 6.1: Proper probe insertion for accurate readings.

- Insert the probe into the thickest part of the meat, ensuring the internal temperature sensor is fully embedded and not touching bone.
- The ambient temperature sensor should be exposed to the cooking environment.
- The probes are designed for use in ovens, grills, smokers, and air fryers.

## 6.2. Monitoring Temperatures

# 100% WIRELESS SMART KITCHEN ASSISTANT

 Easy to Use

 Monitor Temperature

 Accurate Reading

 Guided Cook System



Figure 6.2: Monitor cooking progress across various applications.

- Once probes are inserted and the repeater is connected, open the app on your smartphone.
- The app will display real-time internal and ambient temperatures for both probes.
- You can set target temperatures, select preset cooking modes for different meats, and receive alerts when your food reaches the desired doneness.

## 6.3. App Features

# Master Your Cooking with App Control

Your Smart Assistant for Every Meal

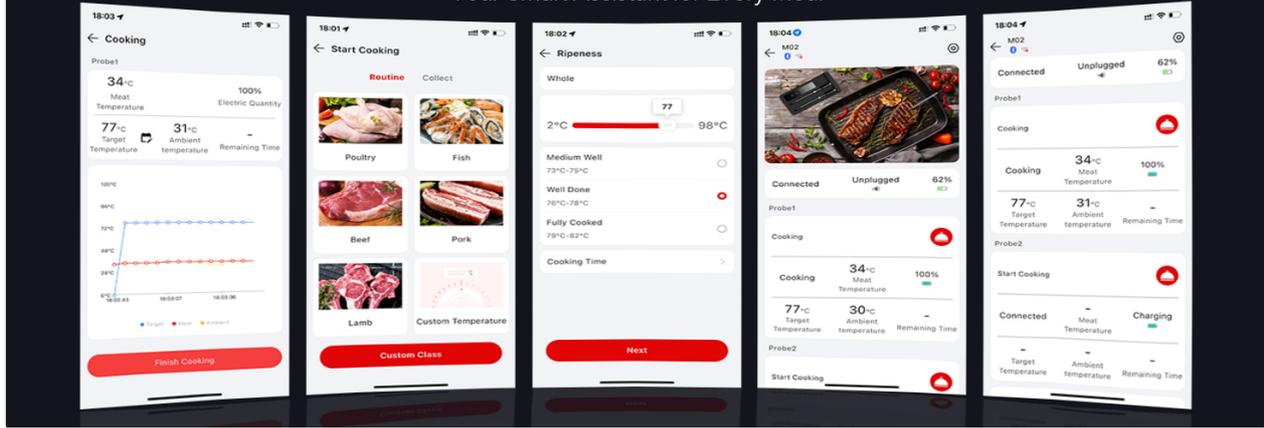


Figure 6.3: The companion app offers comprehensive cooking control and monitoring.

- **Preset Cooking Modes:** Choose from a variety of meat types and desired doneness levels.
- **Custom Temperature Settings:** Manually set your target temperatures.
- **Real-time Graphs:** Visualize temperature changes over time.
- **Alerts:** Receive notifications on your phone when target temperatures are reached or if temperatures deviate significantly.
- **Multi-Task Monitoring:** Monitor both probes simultaneously.

## 7. MAINTENANCE

### 7.1. Cleaning

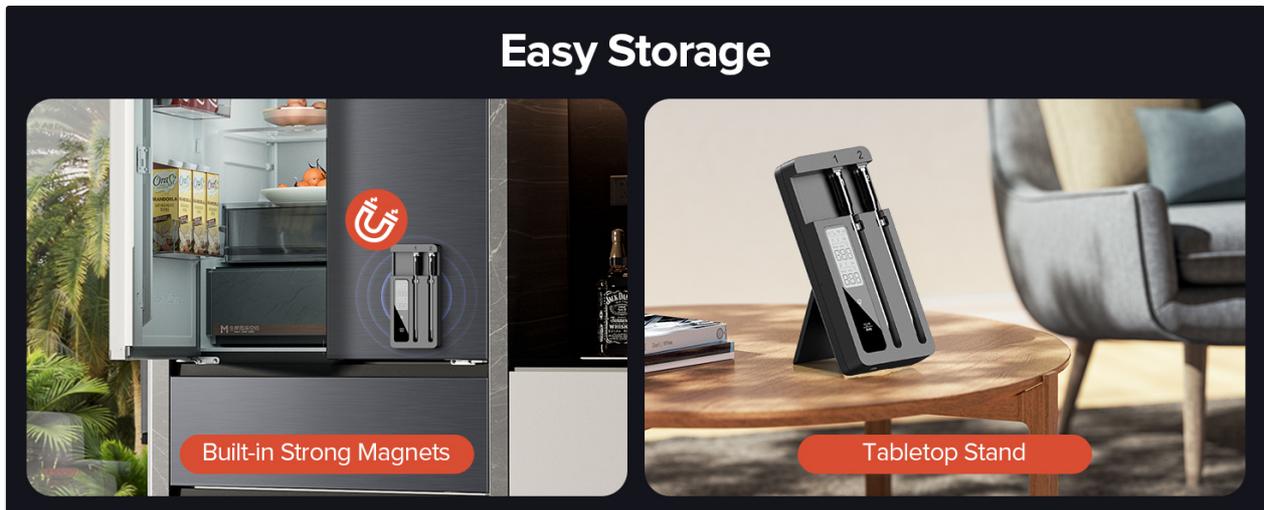


Figure 7.1: Probes are easy to clean by hand or in a dishwasher.

- **Probes:** The probes are IP67 waterproof and dishwasher safe. After use, clean them thoroughly with soap and water or place them in a dishwasher. Ensure all food residue is removed.
- **Repeater Unit:** Wipe the repeater unit with a soft, damp cloth. Do not immerse the repeater unit in water or place it in a dishwasher.

### 7.2. Storage

## IP67 Waterproof



## Dishwasher Safe



Figure 7.2: Convenient storage options for the repeater unit.

- Store the probes in the repeater unit when not in use.
- The repeater unit features built-in magnets for attachment to metal surfaces (e.g., refrigerator).
- An integrated stand allows for tabletop placement.
- Store the device in a cool, dry place.

## 8. TROUBLESHOOTING

Problem	Possible Solution
Device not turning on.	Ensure the repeater unit is fully charged. Connect it to a power source using the USB Type-C cable.
Probes not connecting to repeater.	Ensure probes are fully charged and correctly inserted into the repeater unit. Check for any physical damage to the probes.
App not connecting via Bluetooth.	Ensure Bluetooth is enabled on your smartphone. Keep the phone within 130 feet (40 meters) of the repeater. Restart the app and the repeater.
App not connecting via WiFi.	Confirm your home network is 2.4G WiFi. Ensure the repeater is within range of your WiFi router (approx. 200 feet / 60 meters). Re-enter WiFi credentials in the app.
Inaccurate temperature readings.	Ensure the probe is inserted correctly into the thickest part of the meat, avoiding bone. Verify the ambient sensor is not obstructed. Calibrate the thermometer if an option is available in the app (refer to app instructions).
Probes not dishwasher safe (contradiction).	The probes are designed to be IP67 waterproof and dishwasher safe. If you encounter conflicting information, please refer to the latest product specifications or contact customer support.

## 9. SPECIFICATIONS

Feature	Detail
Model Number	XY-M02
Connectivity	Bluetooth & 2.4G WiFi
Number of Probes	2 (Dual-sensor per probe)
Food Temperature Range	14°F to 212°F (-10°C to 100°C)
Ambient Temperature Range	14°F to 572°F (-10°C to 300°C)
Temperature Accuracy	±1°C/°F
Response Time	1 second
Probe Material	304 Food-Grade Stainless Steel, Ceramic
Waterproof Rating	IP67 (Probes only)
Repeater Battery	2000mAh (12V battery included)
Probe Battery Life	Up to 24 hours (on full charge)
Display Type	Backlit LCD
Bluetooth Range	Up to 130 feet (40 meters)
WiFi Range	Up to 200 feet (60 meters)
Package Dimensions	6.85 x 4.17 x 1.14 inches
Item Weight	12.31 ounces

## 10. WARRANTY AND SUPPORT

ROUJO products are designed for quality and reliability. For warranty information, please refer to the documentation included with your purchase or visit the official ROUJO website. If you encounter any issues or have questions regarding your Smart Wireless Meat Thermometer, please contact ROUJO customer support through the contact information provided on our website or within the product packaging.