INSMART 0220

INSMART Wireless Meat Thermometer User Manual

Model: 0220

INTRODUCTION

Thank you for choosing the INSMART Wireless Meat Thermometer. This device is designed to provide accurate temperature readings for various cooking methods, ensuring perfectly cooked meals every time. With its wireless capabilities and smart app integration, monitoring your food has never been easier.

WHAT'S IN THE BOX

- 1 × Temperature Probe
- 1 × Booster (Charging Base)
- 1 × USB-C Charging Cable
- 1 × User Manual

Image: The INSMART wireless meat thermometer probe, its wooden charging base (booster), and a smartphone displaying the "PROBE PLUS" app interface with temperature readings and cooking progress.

Key Features

- **100% Wireless & 100m Bluetooth Range:** Utilizes advanced Bluetooth 5.2 technology for monitoring cooking up to 100m away via the app.
- **Fast and Accurate Measurement:** Supports a food temperature range of 0°C-100°C (32°F-212°F) with ±0.5°C accuracy, providing readings in just 1 second.
- **IPX7 Waterproof & USB-C Rechargeable:** Made from food-grade 304 stainless steel and heat-resistant plastic. IPX7 waterproof for easy cleaning and dishwasher safe. The receiver's built-in battery lasts up to 3 months on a single charge.
- **Powerful Smart App:** The "PROBE PLUS" app offers custom timers, temperature charts, preset meat options, and customizable alerts based on temperature or time.
- **Wide Application:** Suitable for electric grills, ovens, air fryers, smokers, grill grates, pans, and more.
- **Magnetic Back:** The booster features a built-in magnet for secure attachment to ovens or grill grates.

Image: Diagram illustrating the 100m ultra-long Bluetooth range of the INSMART thermometer, with the probe connecting to the booster and the booster connecting to a smartphone.

Image: A close-up of a grilled burger with the INSMART thermometer probe inserted, highlighting the "100% Wireless" feature for flexible cooking.

SETUP GUIDE

1. Charging the Device

Before first use, ensure the booster is fully charged using the provided USB-C cable. The booster's battery can last up to 3 months on a full charge. The probe charges automatically when placed correctly into the booster.

2. App Installation

Download the "PROBE PLUS" app from your smartphone's app store (Google Play Store for Android or Apple App Store for iOS). Search for "PROBE PLUS".

3. Pairing with Your Smartphone

1. Ensure Bluetooth is enabled on your smartphone.
2. Open the "PROBE PLUS" app.

3. The app will automatically search for and connect to the INSMART thermometer booster. Follow any on-screen prompts to complete the pairing process.

OPERATING INSTRUCTIONS

1. Inserting the Probe

Carefully insert the probe into the thickest part of the meat, avoiding bones. Ensure the safety notch on the probe is fully inserted past the surface of the food to get an accurate internal temperature reading. The probe's internal maximum temperature is 100°C (212°F).

Image: A cross-section view of meat with the INSMART probe inserted, highlighting the "Smart Temp-Multisensors" and the 0°C-100°C temperature range.

2. Monitoring Temperature via App

Once the probe is inserted and connected, the "PROBE PLUS" app will display the real-time internal temperature. You can:

- Select from preset meat options (e.g., Beef, Chicken, Pork) and desired doneness levels (e.g., Rare, Medium, Well Done).

- Set custom target temperatures.
- View temperature graphs to track cooking progress over time.
- Set timers and receive notifications when the target temperature is reached or when a set time has elapsed.

Image: Multiple smartphone screens displaying the "PROBE PLUS" app, showcasing its multifunctional features including temperature graphs, presets for different meat types, alarm notifications, and estimated cooking time.

3. Placement of Booster

For optimal Bluetooth range and to prevent heat damage, place the booster at least 30cm (approximately 12 inches) away from the cooking appliance (oven, grill, smoker). The booster has a magnetic back for convenient attachment to metal surfaces.

Image: A woman interacting with an oven, with the INSMART booster magnetically attached to its side, demonstrating the convenience of its magnetic back.

MAINTENANCE AND CARE

Cleaning the Probe

The probe is IPX7 waterproof and dishwasher safe for easy cleaning. After each use, clean the probe thoroughly with soap and water or place it in the dishwasher. Ensure all food residues are removed. **Do not wash the probe immediately after removing it from a hot cooking environment; allow it to cool down first.**

Cleaning the Booster

Wipe the booster with a damp cloth. Do not submerge the booster in water or place it in a dishwasher.

Image: Three warning icons indicating that the probe should not be exposed to open flames, used in a microwave, or washed immediately after being hot.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No connection to app / Frequent disconnections	Probe not properly inserted into booster. Booster too far from cooking appliance or smartphone. Physical obstacles or electromagnetic interference.	Ensure the probe is securely seated in the booster. Place the booster at least 30cm away from the cooking appliance. Reduce distance between booster and smartphone. The device automatically reconnects within 2 seconds if connection is lost.
Inaccurate temperature readings	Probe not inserted deep enough. Probe tip touching bone or gristle.	Ensure the probe is inserted past the safety notch into the thickest part of the meat, avoiding bones.
Booster not charging	USB-C cable or power source issue.	Check the USB-C cable and try a different power adapter or USB port.

SPECIFICATIONS

Model Number	0220
Temperature Range	0°C - 100°C (32°F - 212°F)
Accuracy	±0.5°C
Response Time	1-2 seconds
Connectivity	Bluetooth 5.2
Wireless Range	Up to 100m (unobstructed)

Waterproof Rating	IPX7 (Probe)
Power Source	Battery powered (USB-C rechargeable booster)
Battery Life (Booster)	Up to 3 months on a full charge
Material	Food-grade 304 Stainless Steel (Probe), Heat-resistant Plastic
Item Weight	190 g
Dimensions	17.3 x 5 x 3.9 cm (Packaging)

WARRANTY AND SUPPORT

INSMART products come with a standard manufacturer's warranty. For specific warranty details, please refer to the documentation included with your purchase or contact INSMART customer support.

If you have any questions, concerns, or require technical assistance, please do not hesitate to contact our customer support team. We are committed to providing you with the best possible experience.

You can often find contact information on the INSMART official website or through the retailer where you purchased the product.