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Inkbird IHT-1S

Inkbird IHT-1S Rechargeable Instant Read Meat Thermometer User Manual

1. Introduction

Thank you for choosing the Inkbird IHT-1S Rechargeable Instant Read Meat Thermometer. This manual provides detailed instructions for the proper use, care, and maintenance of your thermometer. Please read this manual thoroughly before operation to ensure optimal performance and longevity of the device.



Image 1.1: The Inkbird IHT-1S Rechargeable Instant Read Meat Thermometer with its probe extended and digital display active.

2. Product Overview and Features

The Inkbird IHT-1S is designed for quick and accurate temperature readings in various cooking applications. Key features include:

- **Instant Read:** Provides temperature readings within 2-3 seconds.
- **Waterproof (IPX67):** Designed to withstand splashes and can be easily cleaned under running water.
- **Rechargeable:** Equipped with a built-in rechargeable battery for convenience.
- **Auto On/Off:** Automatically turns on when the probe is pulled out and off when folded back.
- **Rotatable Display:** Features a 180-degree rotatable display with gravity sensor for easy viewing from any angle.
- **Auto Wake-up Backlight:** The display backlight activates automatically for visibility in low light conditions.
- **Calibration Function:** Allows for precise temperature adjustments.
- **Hold Function:** Locks the current temperature reading on the display.
- **°F/°C Switch:** Easily switch between Fahrenheit and Celsius units.

- **Hook Design:** Integrated hook for convenient storage.



Image 2.1: The Inkbird IHT-1S thermometer in use with a roasted turkey, highlighting its various features.

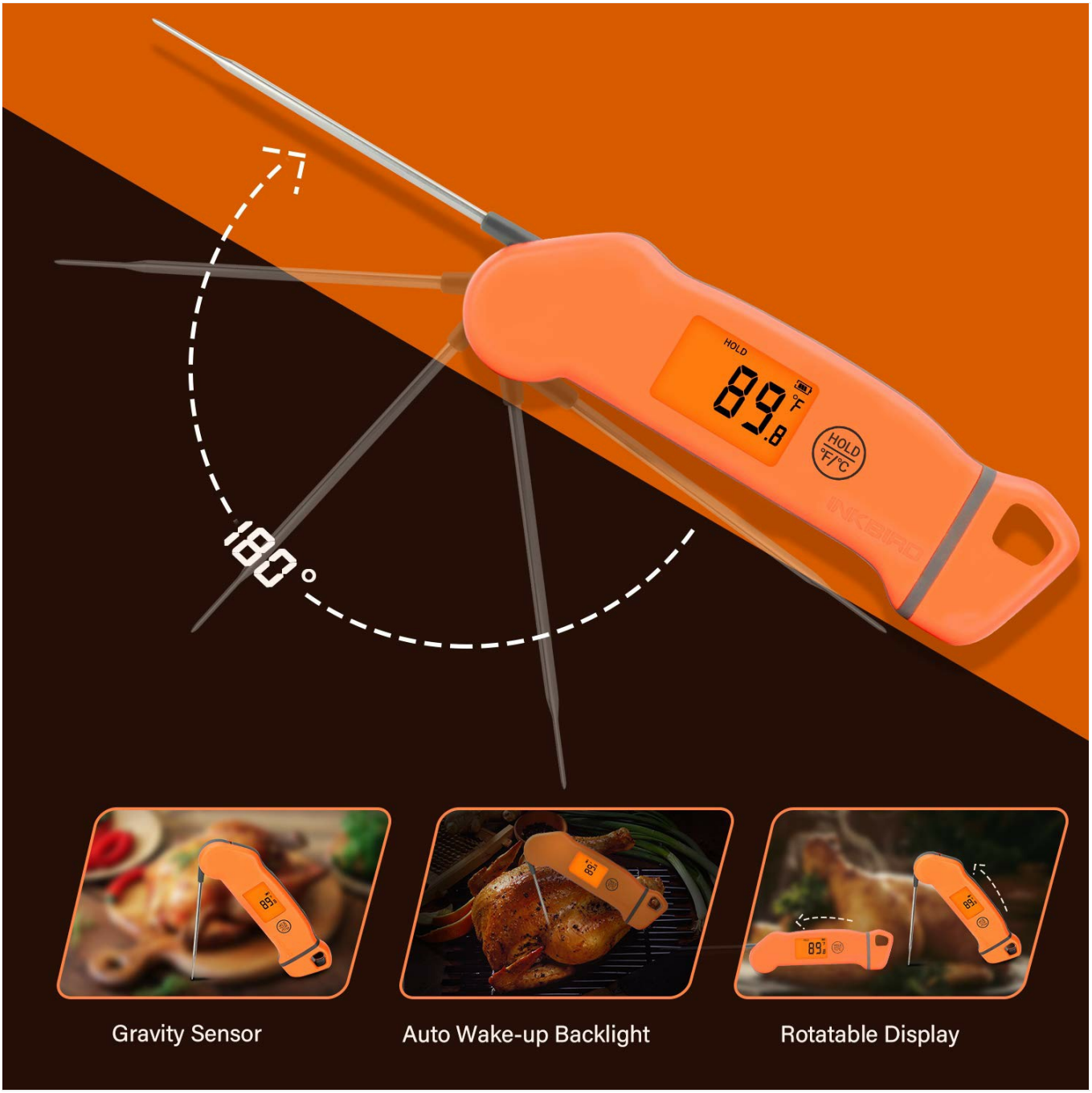

Image 2.2: Illustration of the thermometer's 180-degree rotatable display and gravity sensor.

3. Package Contents

The Inkbird IHT-1S package typically includes:

- 1 x Inkbird IHT-1S Instant Read Meat Thermometer
- 1 x USB Charging Cable
- 1 x User Manual

4. Specifications

Measurement Range	-58.0°F ~ 572°F / -50.0°C ~ 300°C
Measurement Accuracy	±0.5°C / ±1.0°F

Readout Time	2-3 seconds
Waterproof Level	IPX67
Display Type	LCD with Backlight
Connectivity Technology	USB (for charging)
Auto-Off	3 minutes of inactivity
Dimensions	8.07 x 3.35 x 1.85 inches
Weight	8.15 ounces



Image 4.1: Detailed specifications and feature icons of the Inkbird IHT-1S thermometer.

5. Setup

5.1 Initial Charging

Before first use, fully charge the thermometer. Connect the provided USB charging cable to the thermometer's charging port and to a standard USB power adapter (not included). The charging indicator will show the charging status. A full charge ensures optimal battery life.

5.2 Power On/Off

The thermometer features an automatic on/off mechanism:

- **To Power On:** Gently pull out the probe from the thermometer body. The display will illuminate.
- **To Power Off:** Fold the probe back into the thermometer body until it clicks into place. The display will turn off.



Image 5.1: Demonstration of the automatic on/off function by extending and retracting the probe.

6. Operation

6.1 Taking a Temperature Reading

1. Power on the thermometer by extending the probe.
2. Insert the tip of the stainless steel probe into the thickest part of the food item, avoiding bone or gristle.
3. Wait for 2-3 seconds for the temperature reading to stabilize on the LCD display.
4. Once the reading is stable, you can remove the probe.



Image 6.1: The thermometer taking a temperature reading from grilled meat, illustrating its fast response.

6.2 Switching Temperature Units (°F/°C)

Press the 'HOLD °F/°C' button located on the thermometer body to toggle between Fahrenheit (°F) and Celsius (°C) temperature units.

6.3 Using the HOLD Function

While taking a temperature reading, briefly press the 'HOLD °F/°C' button to freeze the current temperature on the display. Press the button again to release the hold and resume live temperature reading.



Image 6.2: Close-up of the multi-function 'HOLD °F/°C' button.

6.4 Auto-Off and Auto-Wake

The thermometer will automatically turn off after 3 minutes of inactivity to conserve battery. It also features a motion-sensing auto-wake function, which will turn the display back on if motion is detected.



Image 6.3: Illustration of the thermometer's automatic power management features.

7. Calibration

The Inkbird IHT-1S thermometer is factory calibrated. However, if you suspect a deviation in readings, you can perform a calibration. The calibration range is -5.0°F to 5.0°F (-3.0°C to 3.0°C).

7.1 Ice Bath Calibration Method

1. Fill a glass with crushed ice and cold water. Stir well and let it sit for a few minutes.
2. Insert the thermometer probe into the ice bath, ensuring the tip is fully submerged but not touching the bottom or sides of the glass.
3. Wait for the reading to stabilize. A properly calibrated thermometer should read 32°F (0°C).
4. If the reading is off, consult the device's specific calibration mode instructions (usually involving a long press of the 'HOLD °F/°C' button while the probe is extended, then using the button to adjust the offset). Refer to the quick start guide or manufacturer's website for detailed steps on entering and adjusting calibration mode.



Image 7.1: Illustration of the calibration range for the thermometer.

8. Maintenance and Care

8.1 Cleaning

The Inkbird IHT-1S is IPX67 waterproof, making it easy to clean. After each use:

- Wipe the stainless steel probe with a damp cloth or wash it under running water with mild soap.
- Clean the thermometer body with a damp cloth.
- **Do Not Soak** the entire thermometer in water for extended periods.
- Ensure the thermometer is completely dry before storing.



Image 8.1: The thermometer demonstrating its IPX67 waterproof capability.

8.2 Storage

Fold the probe back into the thermometer body for safe storage. The integrated hook allows for convenient hanging storage in your kitchen or near your grill.



Image 8.2: The thermometer's hook design for easy storage.

9. Troubleshooting

- **Thermometer not turning on:** Ensure the probe is fully extended. If it still doesn't turn on, the battery might be depleted. Connect the thermometer to a USB charger.
- **Inaccurate readings:** Perform an ice bath calibration as described in Section 7. Ensure the probe is inserted into the thickest part of the food and not touching bone or the cooking surface.
- **Display not rotating:** While the product is designed with a rotatable display, some newer production batches may have this feature disabled. If your unit does not auto-rotate, this is a manufacturing variation and not a defect.
- **'HOLD' function activates unexpectedly:** The 'HOLD °F/°C' button is sensitive. Ensure you are pressing it intentionally when switching units or holding a reading.
- **Charging issues:** Ensure the USB cable is securely connected to both the thermometer and the power source. Try a different USB cable or power adapter if necessary.

10. Warranty and Support

The Inkbird IHT-1S Rechargeable Instant Read Meat Thermometer typically comes with a 2-year warranty from the date of purchase. For warranty claims, technical support, or any questions not covered in this manual, please contact Inkbird customer service through their official website or the retailer where the product was purchased. Please retain your proof of purchase for warranty purposes.

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