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> AcuRite Digital Instant Read Thermometer User Manual

AcuRite 681a

AcuRite Digital Instant Read Thermometer User Manual

Model: 681a

INTRODUCTION

This manual provides instructions for the proper use and care of your AcuRite Digital Instant Read Cooking Thermometer. This device is designed to provide accurate and quick temperature readings for various food items, ensuring they are cooked to a safe internal temperature. It features a durable stainless steel probe and an easy-to-read LCD display.

PRODUCT OVERVIEW



Image: The AcuRite Digital Instant Read Thermometer, showing its white body, black LCD display, and stainless steel probe.

The AcuRite Digital Instant Read Thermometer (Model 681a) is a compact and robust tool for precise temperature measurement. Key features include:

- Large, easy-to-read LCD display.
- 4.5-inch stainless steel probe for accurate readings.
- Instant response readings in both Fahrenheit (°F) and Celsius (°C).

- Temperature range: 32°F to 450°F (0°C to 232°C).
- Protective plastic pocket clip sheath with USDA recommended temperature guide.
- Built-in user calibration adjuster.
- NSF certified for public health and safety.


SETUP

Battery Installation

The thermometer is powered by a battery. To install or replace the battery:

1. Locate the battery compartment cover, typically on the back or side of the unit.
2. Use a small screwdriver or coin to open the compartment.
3. Insert the required battery type (refer to specifications for details) ensuring correct polarity (+/-).
4. Replace the battery compartment cover securely.

Initial Power On

Press the power button (usually marked with a  symbol) to turn on the thermometer. The LCD display will illuminate and show the current temperature or a default reading.

OPERATING INSTRUCTIONS

Taking a Temperature Reading

To obtain an accurate temperature reading:

1. Ensure the thermometer is clean and dry before use.
2. Insert the stainless steel probe into the thickest part of the food item, avoiding bone or gristle.
3. Wait for the display to stabilize. The instant-read feature provides a quick response.
4. Read the temperature displayed on the LCD screen.
5. Remove the probe from the food.



Image: The AcuRite thermometer probe inserted into a roasted chicken, displaying a temperature reading.

Switching Temperature Units (°F/°C)

The thermometer allows you to switch between Fahrenheit and Celsius units. Locate the °F/°C button on the device and press it to toggle between the two temperature scales.

Using the Protective Sheath and Temperature Guide

The thermometer comes with a protective plastic sheath that also functions as a pocket clip. Printed on the sheath is a convenient USDA recommended temperature guide for various types of meat, providing quick reference for safe cooking temperatures.



Image: The AcuRite thermometer alongside its protective sheath, which features a pocket clip and temperature guide.

MAINTENANCE

Cleaning and Care

To ensure the longevity and accuracy of your thermometer:

- **Wipe Clean:** After each use, wipe the stainless steel probe with a damp cloth and mild detergent. Rinse thoroughly and dry completely.
- **Do Not Immerse:** Do not immerse the entire thermometer unit in water or place it in a dishwasher, as this can damage the electronic components.
- **Storage:** Store the thermometer in its protective sheath when not in use to prevent damage to the probe.

Calibration

The thermometer features a built-in user calibration adjuster. If you suspect the readings are inaccurate, consult the full product manual or manufacturer's website for detailed calibration instructions. Typically, calibration involves using an ice bath or boiling water to set a known reference point.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Thermometer will not turn on.	Dead or incorrectly installed battery.	Check battery installation. Replace battery if necessary. Ensure battery compartment is securely closed.
Inaccurate temperature readings.	Probe not inserted correctly; calibration needed; extreme ambient temperature.	Ensure probe is inserted into the thickest part of the food, avoiding bone. Perform user calibration if available. Use in recommended temperature environments.
Display shows "LO" or "HI".	Temperature is outside the thermometer's measurable range.	Ensure the temperature being measured is within the 32°F to 450°F (0°C to 232°C) range.

SPECIFICATIONS

Feature	Detail
Brand	AcuRite
Model Name	Digital Instant Read Cooking Thermometer
Item Model Number	681a
Temperature Range	32°F to 450°F (0°C to 232°C)
Resolution	0.1°F
Probe Length	4.5 Inches
Display Type	LCD
Power Source	Battery Powered
Outer Material	Stainless Steel
Color	Stainless Steel
Product Care Instructions	Wipe Clean
Certification	NSF Certified
Item Weight	1.41 ounces
UPC	072397006811, 072397681100

WARRANTY AND SUPPORT

For warranty information, technical support, or to purchase replacement parts, please visit the official AcuRite website or contact their customer service department. Keep your purchase receipt as proof of purchase.

