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## Lavatools PT18

# Lavatools PT18 Digital Instant Read Thermometer User Manual

Model: PT18

## INTRODUCTION

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Thank you for choosing the Lavatools PT18 Digital Instant Read Thermometer. This device is designed to provide fast and accurate temperature readings for various cooking applications, including meat, grilling, BBQ, smoking, candy making, home brewing, and deep frying. The PT18 features a 1-3 second response time, high accuracy, a large backlit display, and IP67 splash-proof construction for durability and ease of use.

## SAFETY INFORMATION

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- **Probe Tip:** The probe tip is sharp. Handle with care to prevent injury.
- **High Temperatures:** Do not leave the thermometer in an oven, grill, or smoker during cooking. The plastic casing is not designed for continuous high heat exposure.
- **Water Exposure:** The PT18 is IP67 splash-proof, meaning it can withstand splashes and brief exposure to water. Do not immerse the entire unit in water or wash it in a dishwasher.
- **Children:** Keep out of reach of children.
- **Battery:** Dispose of batteries according to local regulations. Do not expose batteries to excessive heat.

## PACKAGE CONTENTS

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- Lavatools PT18 Digital Instant Read Thermometer
- Protective Sheath
- User Manual (this document)
- 1 x Lithium Metal Battery (pre-installed or included)

## PRODUCT OVERVIEW

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Familiarize yourself with the components of your Lavatools PT18 thermometer:

- **Probe:** Stainless steel temperature sensor.
- **Display:** Large, backlit digital screen for temperature readings.
- **Power Button:** Turns the unit on and off.
- **°C/°F Button:** Switches between Celsius and Fahrenheit temperature units.
- **Battery Compartment:** Located on the back of the unit.
- **Protective Sheath:** Covers the probe when not in use.



Image: Lavatools PT18 thermometer with its probe retracted into the protective sheath, displaying a temperature reading on its backlit screen.



Image: Lavatools PT18 thermometer with its stainless steel probe extended. The back of the unit is visible, showing the battery compartment cover and the °C/°F button.

## SETUP

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### 1. Battery Installation

The PT18 typically comes with a battery pre-installed. If the display is dim or the unit does not power on, you may need to install or replace the battery.

1. Locate the circular battery compartment cover on the back of the thermometer.
2. Use a coin to turn the cover counter-clockwise to the 'OPEN' position and remove it.
3. Insert one CR2032 Lithium Metal battery with the positive (+) side facing up.
4. Replace the cover and turn it clockwise to the 'CLOSE' position until secure.

### 2. Power On/Off

Press the **Power** button once to turn the thermometer on. Press and hold the **Power** button for approximately 3 seconds to turn the thermometer off.

### 3. Unit Selection (°C/°F)

To switch between Celsius (°C) and Fahrenheit (°F):

1. Ensure the thermometer is powered on.

2. Locate the °C/°F button on the back of the unit, near the battery compartment.
3. Press the °C/°F button once to toggle between the two temperature units. The display will update immediately.

## OPERATING INSTRUCTIONS

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### 1. Taking a Temperature Reading

1. Remove the protective sheath from the probe.
2. Extend the stainless steel probe fully.
3. Insert the probe tip into the thickest part of the food item, avoiding bone, fat, or gristle, which can affect accuracy.
4. Wait for 1-3 seconds for the temperature reading to stabilize on the display. The display will show the current temperature.
5. The probe features depth gauge marks to assist in consistent insertion depth.
6. Once the reading is complete, remove the probe from the food.

### 2. Temperature Hold Function

The PT18 may feature a temperature hold function. Consult the specific model's detailed instructions if a dedicated button for this feature is present. Typically, this function allows you to freeze the current temperature reading on the display after removing the probe from the food.

### 3. Temperature Alarm

Some PT18 models include a temperature alarm feature. If available, this allows you to set a target temperature, and the thermometer will alert you when that temperature is reached. Refer to your specific model's instructions for setting and activating the alarm.

### 4. MIN/MAX Function

The PT18 may record minimum and maximum temperatures. If this feature is present, it allows you to view the lowest and highest temperatures measured during a session. Consult your model's specific instructions for accessing and resetting MIN/MAX readings.

### 5. Backlight

The large display is ambidextrous and backlit for easy reading in various lighting conditions. The backlight typically activates automatically when the unit is in use or a button is pressed.

## CARE AND MAINTENANCE

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### 1. Cleaning

- Always clean the stainless steel probe after each use with a damp cloth and mild soap.
- Wipe the body of the thermometer with a damp cloth.
- Do not immerse the entire thermometer in water. The unit is splash-proof (IP67 rated) but not fully submersible.
- Do not use abrasive cleaners or scouring pads, as these can damage the unit.

### 2. Storage

- Ensure the probe is clean and dry before retracting it into its protective sheath.

- Store the thermometer in a cool, dry place, away from direct sunlight and extreme temperatures.

### 3. Battery Replacement

When the display becomes dim or the thermometer fails to power on, it is time to replace the battery. Follow the battery installation steps outlined in the 'Setup' section.

## TROUBLESHOOTING

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- **No Display or Dim Display:** Check the battery. Replace the CR2032 battery if necessary, ensuring it is inserted with the correct polarity.
- **Inaccurate Readings:** Ensure the probe is inserted into the thickest part of the food, avoiding bone or gristle. Allow sufficient time (1-3 seconds) for the reading to stabilize. If persistent inaccuracy is suspected, the unit may require calibration. Refer to the Lavatools website for calibration instructions or contact customer support.
- **Unit Not Responding:** Try removing and reinserting the battery. If the issue persists, the unit may require service.
- **Difficulty Switching °C/°F:** Ensure the thermometer is powered on. Press the °C/°F button firmly on the back of the unit.

## SPECIFICATIONS

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<b>Model Name</b>	PT18
<b>Response Time</b>	1-3 seconds
<b>Accuracy</b>	Better than $\pm 0.9^{\circ}\text{F}$
<b>Upper Temperature Rating</b>	500°F
<b>Probe Length</b>	4.5 Inches
<b>Immersion Depth</b>	4.5 Inches
<b>Water Resistance</b>	IP67 Splash-proof
<b>Display Type</b>	Digital, Backlit
<b>Power Source</b>	Battery Powered
<b>Battery Type</b>	1 x CR2032 Lithium Metal (included)
<b>Item Weight</b>	1.76 ounces
<b>Outer Material</b>	Stainless Steel
<b>Indoor/Outdoor Usage</b>	Indoor

## WARRANTY AND SUPPORT

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### Warranty Information

The Lavatools PT18 Digital Instant Read Thermometer is backed by an industry-leading **3-year limited warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

## **Customer Support**

For further assistance, troubleshooting, or warranty inquiries, please visit the official Lavatools website or contact their customer service department. Contact details can typically be found on the product packaging or the Lavatools website.