

[manuals.plus](#) /

› [iProven](#) /

› [iProven DTR-1835 Digital Oral Thermometer User Manual](#)

**iProven DTR-1835**

# iProven DTR-1835 Digital Oral Thermometer User Manual

Reliable, Fast, and Accurate Temperature Measurement

## 1. INTRODUCTION

---

Thank you for choosing the iProven DTR-1835 Digital Oral Thermometer. This device is designed to provide fast, accurate, and reliable temperature measurements for adults, children, and infants. Its flexible tip ensures comfort during use, and the integrated smiley fever indicator offers a clear visual interpretation of readings. Please read this manual thoroughly before using the thermometer to ensure proper operation and to maintain its accuracy and longevity.



Image 1: iProven DTR-1835 Digital Thermometer and its packaging, highlighting key features like fast and accurate readings, smiley indicator, and flexible tip.

## 2. SAFETY INFORMATION

- The iProven DTR-1835 thermometer contains no mercury, making it safe for use with children and adults.
- Keep the thermometer out of reach of small children to prevent accidental ingestion of small parts.
- Do not bite the thermometer tip.
- Axillary (underarm) measurement is not recommended as it may not provide reliable or accurate readings.
- Consult a medical professional for any health concerns or if you have questions about temperature readings.

## 3. PRODUCT FEATURES

The iProven DTR-1835 Digital Thermometer is equipped with several features designed for user convenience and accuracy:

- **Fast Reading System:** Provides temperature readings in approximately 20 seconds.
- **High Accuracy:** Measures with an accuracy of  $\pm 0.1^{\circ}\text{C}$  /  $\pm 0.2^{\circ}\text{F}$ .
- **Flexible Tip:** Ensures comfortable and safe measurement.
- **Smiley Fever Indicator:** Visually indicates if the reading is normal, slightly elevated, or elevated.
- **Waterproof Design:** Allows for easy cleaning under running water.
- **One-Button Operation:** Simple to use with a single power button.
- **Last Reading Memory:** Automatically stores the last measured temperature.
- **Fahrenheit/Celsius Switch:** Easily switch between temperature units.
- **Automatic Shut-off:** Conserves battery life by turning off automatically after a period of inactivity.
- **Low Battery Alert:** Notifies you when the battery needs replacement.
- **Protective Hardcase:** Included for hygienic storage.

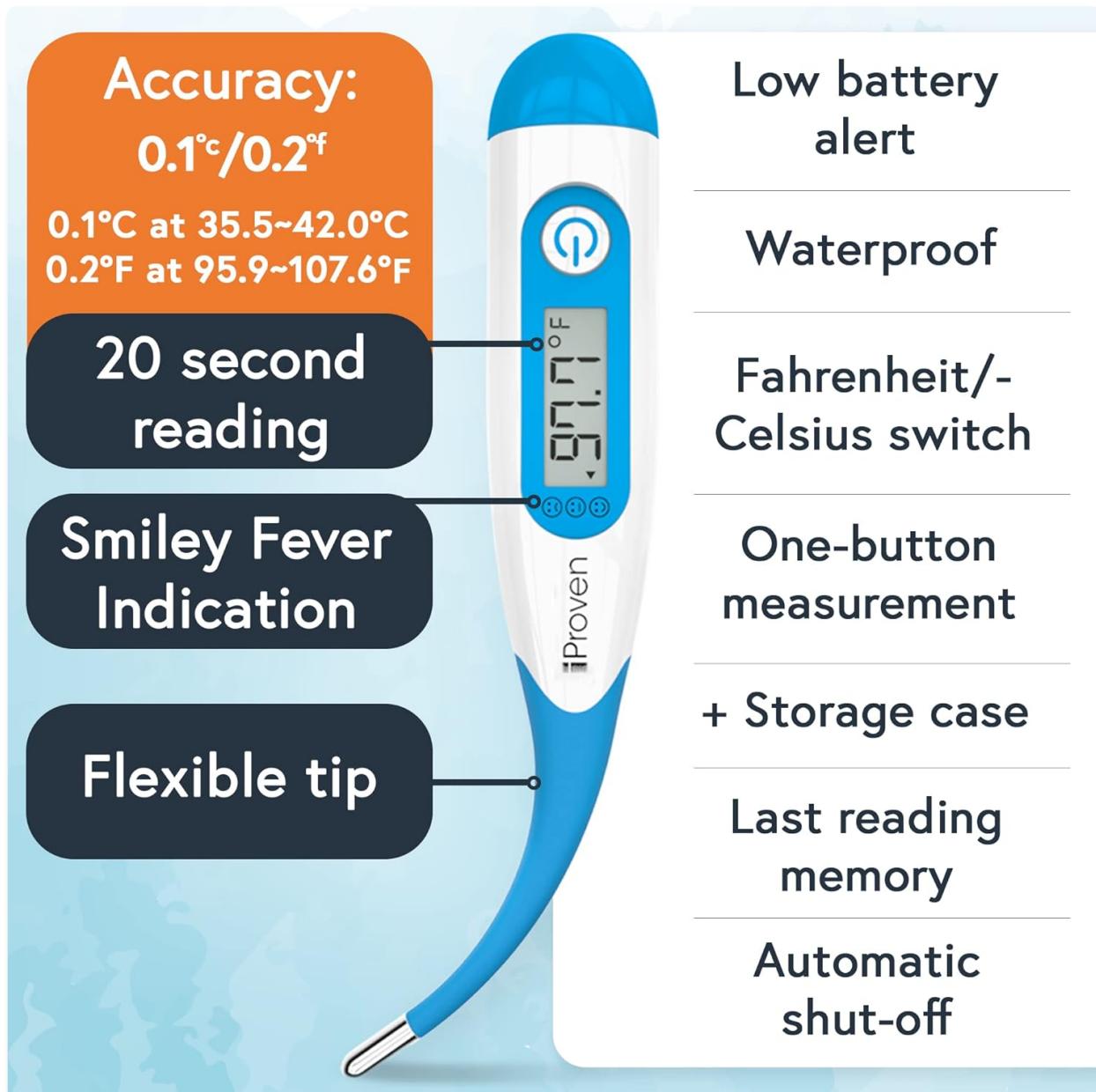


Image 2: Visual breakdown of the iProven DTR-1835 thermometer's key features and functions.

## 4. SETUP

### 4.1 Initial Use

1. The thermometer comes with a battery pre-installed.
2. Before first use, and after each subsequent use, clean the thermometer tip as described in the 'Maintenance' section.
3. Press the power button ( ) to turn on the thermometer. A short beep will sound, and the display will show the last measured temperature for 2 seconds, followed by 'L°C' or 'L°F' with a flashing degree symbol, indicating it is ready for measurement.

## 4.2 Switching Between Fahrenheit and Celsius

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

- With the thermometer turned off, press and hold the power button for approximately 3 seconds until the display shows °C or °F.
- Release the button, and the unit will be set to the desired scale.

## 5. OPERATING INSTRUCTIONS

The iProven DTR-1835 supports oral and rectal temperature measurement. Axillary measurement is not recommended due to potential inaccuracies.

# Ways to measure your temperature

## Rectal Measurement

Recommended < age 4.  
This is the most accurate measuring method



## Oral measurement

Suitable for children over the age of 4 and adults

**Axillary measurement**  
Not recommended as it is not reliable



## **5.1 Oral Measurement (Recommended for ages 4+)**

1. Ensure the thermometer is clean.
2. Press the power button () to turn on the thermometer.
3. Place the flexible tip of the thermometer under the tongue, in one of the two heat pockets at the base of the tongue.
4. Close your mouth and hold the thermometer in place. Avoid talking or moving during measurement.
5. Wait for the thermometer to beep, indicating the measurement is complete (approximately 20 seconds).
6. Remove the thermometer and read the temperature displayed.

## **5.2 Rectal Measurement (Recommended for children under 4)**

Rectal measurement is generally considered the most accurate method for infants and young children.

1. Ensure the thermometer is clean.
2. Apply a small amount of water-soluble lubricant (e.g., petroleum jelly) to the flexible tip.
3. Press the power button () to turn on the thermometer.
4. Gently insert the lubricated tip into the rectum, no more than half an inch (1.25 cm). Do not force the thermometer.
5. Hold the thermometer in place until it beeps (approximately 20 seconds).
6. Remove the thermometer carefully and read the temperature displayed.

# How to measure accurately



## Oral

Place the thermometer under your tongue in one of the two heat pockets and close your mouth. Press the  button and wait for the beep.



## Rectal

Gently insert the lubricated bulb end of the thermometer a half-inch. Press the  button and wait for the beep.

Image 4: Step-by-step visual guide for oral and rectal temperature measurement.

## 6. UNDERSTANDING READINGS

### 6.1 Smiley Fever Indicator

The DTR-1835 features a visual smiley indicator to help interpret temperature readings:

- **Happy Face:** Indicates a normal temperature.
- **Neutral Face:** Indicates a slightly elevated temperature.
- **Sad Face:** Indicates an elevated temperature (fever).

Always consult a medical professional for accurate diagnosis and advice, especially if a fever is indicated.

### 6.2 Last Reading Memory

When you turn on the thermometer, it will briefly display the last measured temperature before entering measurement mode. This allows you to track changes in temperature over time.

## 7. MAINTENANCE

## 7.1 Cleaning

The thermometer is waterproof, making cleaning simple and hygienic:

1. After each use, wipe the thermometer tip with a soft cloth or cotton swab moistened with rubbing alcohol (70% isopropyl alcohol).
2. Alternatively, you can wash the tip under running tap water with a mild soap.
3. Rinse thoroughly with clean water.
4. Dry the thermometer completely with a clean, soft cloth before storing.
5. Do not immerse the entire thermometer in water for extended periods.

## 7.2 Storage

Store the thermometer in its protective hardcase in a cool, dry place, away from direct sunlight and extreme temperatures. Keep it out of reach of children.

## 7.3 Battery Replacement

When the low battery indicator appears on the display, the battery needs to be replaced. Refer to the product packaging or contact customer support for specific battery type and replacement instructions.

## 8. TROUBLESHOOTING

- **No Display / Thermometer won't turn on:** Check if the battery is correctly installed or needs replacement.
- **Inaccurate Readings:** Ensure the thermometer tip is properly placed (oral or rectal) and held steady during measurement. Avoid talking or moving during oral measurement. Ensure the thermometer is clean.
- **'Lo' or 'Hi' on Display:** 'Lo' indicates a temperature below the measurable range, and 'Hi' indicates a temperature above the measurable range. Ensure proper contact and placement.
- **Error Message:** If an error message appears, turn the thermometer off and then on again. If the error persists, contact customer support.

## 9. SPECIFICATIONS

Feature	Specification
Model Number	DTR-1835
Measurement Range	32.0°C - 42.9°C (89.6°F - 109.2°F)
Accuracy	± 0.1°C (35.5°C - 42.0°C) ± 0.2°F (95.9°F - 107.6°F)
Measurement Time	Approx. 20 seconds
Display Type	LCD
Power Source	Battery Powered

Feature	Specification
Product Dimensions	22.86 x 0.03 x 0.03 cm
Item Weight	50 g
Special Features	Fast Reading System, Flexible tip, High Accuracy, No mercury, Smiley Fever Indicator

## 10. WARRANTY AND SUPPORT

For warranty information, technical support, or any questions regarding your iProven DTR-1835 Digital Oral Thermometer, please refer to the warranty card included with your product or visit the official iProven website. You may also contact iProven customer service directly for assistance.

© 2023 iProven. All rights reserved.