Tanita TT-583

Tanita Cooking Thermometer TT-583 GR Instruction Manual

1. INTRODUCTION

The Tanita Cooking Thermometer TT-583 GR is a precision instrument designed for accurate temperature measurement in various culinary applications. Its waterproof design and extended sensor allow for safe and convenient use, ensuring optimal cooking results. This manual provides essential information for the proper setup, operation, and maintenance of your thermometer.

2. PRODUCT OVERVIEW

The TT-583 GR features a long sensor probe, a clear digital display, and a convenient sensor holder that doubles as a handle. It also includes a magnet for easy storage.

Image 2.1: Tanita Cooking Thermometer TT-583 GR and its sensor holder.

2.1 Components and Functions

測定範囲：−50〜240℃

水ぬれ
OK! 防水性能 IPX2※

8.1cm

深い鍋でも使える長さ

14cm

収納に便利な
マグネット付き

※4方向（前後左右）に15度傾け、上方200mmの高さから毎分3mmの降水量で、各方向2.5分間ずつ滴下させても、有害な影響がないもの。

Image 2.2: Labeled components of the TT-583 GR thermometer.

1. **Hook Hole:** Insert the tip of the sensor holder into this hole. This allows for measurement while keeping your hand further away from heat sources.

2. **HOLD Button:** Press this button during temperature measurement to freeze the displayed temperature value for easier reading and confirmation.

3. **ON/OFF Button:** Press to power the device on or off. The thermometer features an auto power-off function that activates after approximately 10 minutes of inactivity, or if the ambient temperature is below 45°C and the temperature change is less than 3°C.

4. **Display Area:** The digital screen shows the temperature readings. It is designed for clear readability whether held in the left or right hand.

3. SETUP

3.1 Battery Installation

The Tanita TT-583 GR uses one CR2032 coin cell battery. A trial battery is included with your purchase.

1. Locate the battery compartment cover on the back of the thermometer unit.

2. Use a small coin or screwdriver to open the battery compartment.

3. Insert the CR2032 battery with the positive (+) side facing up.

4. Replace the battery compartment cover and secure it.

Ensure the battery is correctly installed for proper device function.

4. OPERATION

4.1 Basic Temperature Measurement

1. Press the **ON/OFF** button to turn on the thermometer.

2. Insert the stainless steel sensor probe into the food or liquid you wish to measure. The sensor is 14 cm long, allowing for deep insertion and safe distance from heat.

3. Read the temperature displayed on the digital screen. The display updates every 1 second.

4. To turn off the thermometer, press the **ON/OFF** button again. The device will also automatically power off after approximately 10 minutes of inactivity.

Image 4.1: Measuring the temperature of melted chocolate.

4.2 Using the HOLD Function

The HOLD function allows you to freeze the current temperature reading on the display.

1. While measuring temperature, press the **HOLD** button. The current temperature will remain on the display.

2. To resume live temperature measurement, press the **HOLD** button again.

4.3 Sensor Holder Usage

The included sensor holder can be used to extend your reach and protect your hands from heat.

1. Insert the tip of the thermometer's sensor holder into the hook hole located on the main unit.

2. This configuration allows you to hold the thermometer further away from hot surfaces or liquids during measurement.

Image 4.2: Examples of thermometer use for drip coffee, steak, vegetable washing, and baby milk.

5. MAINTENANCE

5.1 Cleaning

The Tanita TT-583 GR has an IPX2 waterproof rating, meaning it is protected against dripping water. To clean the thermometer:

- Wipe the sensor probe and main unit with a damp cloth.
- Do not immerse the entire unit in water or wash it under running water, as this may damage internal components.
- Avoid using abrasive cleaners or solvents.

5.2 Storage

For convenient and space-saving storage, the thermometer features a built-in magnet.

- Attach the thermometer to a metallic surface, such as a refrigerator door or oven hood.
- Store the sensor holder with the thermometer when not in use.

Image 5.1: Thermometer dimensions, IPX2 waterproof rating, and magnetic storage feature.

5.3 Battery Replacement

When the display becomes dim or the thermometer stops functioning, replace the CR2032 battery following the instructions in Section 3.1.

6. TROUBLESHOOTING

- **No Display / Dim Display:** Check battery installation. Replace the CR2032 battery if necessary.
- **Inaccurate Readings:** Ensure the sensor probe is fully inserted into the substance being measured. Avoid measuring near strong electromagnetic fields.
- **Thermometer Does Not Turn On:** Verify battery is correctly installed and has sufficient charge.

If issues persist after attempting these steps, please contact customer support.

7. SPECIFICATIONS

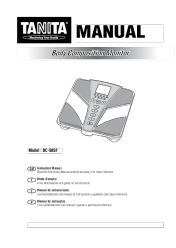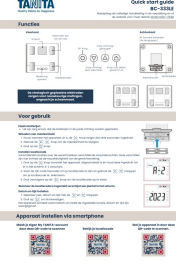| Feature	Specification
Model Number	TT-583 GR
Measurement Range	-50°C to 240°C
Minimum Display Unit	0.1°C
Display Cycle	1 second
Waterproof Rating	IPX2
Power Source	CR2032 battery x 1
Approximate Dimensions (W x D x H)	4.3 x 1.5 x 22.1 cm
Product Weight	40 g
Materials	PP, PET, Stainless Steel
Included Accessories	Instruction Manual, CR2032 Trial Battery, Sensor Holder
Brand Origin	Japan
Manufacturing Country	China

8. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the official Tanita website or contact your local retailer. Keep your purchase receipt as proof of purchase.
For additional product information, you may visit the Tanita Brand Store.

Related Documents - TT-583

[Pairing Your Tanita Scale with the My Tanita Healthcare App](#)
A step-by-step guide to pairing your Tanita body composition scale with the My Tanita Healthcare app for seamless data syncing and health tracking.

[Tanita BC-585F Body Composition Monitor User Manual](#)

Comprehensive user manual for the Tanita BC-585F Body Composition Monitor, covering setup, features, operation, and troubleshooting. Learn how to accurately measure body composition, store personal data, and understand readings.

[TANITA nometa BB-105](#)

TANITA nometa BB-105

[Tanita Body Composition Scale: Measuring and Monitoring Guide](#)

Learn how to get the most accurate body composition readings from your Tanita scale with these top tips for measurement and monitoring.

[Handleiding TANITA BC-333LE: Installatie en Gebruik Lichaamsanalyseweegschaal](#)

Start snel met uw TANITA BC-333LE lichaamsanalyseweegschaal. Deze gids behandelt installatie, meeteenheidwissel, locatiecode instellen en tips voor optimale metingen.

[TANITA DC-13C Body Composition Analyzer Instruction Manual](#)

User guide and instructions for the TANITA DC-13C Body Composition Analyzer. Learn how to set up, use, and maintain your device for accurate body composition measurements.