

Omron MC-246

OMRON Digital Thermometer MC-246 User Manual

Model: MC-246

1. INTRODUCTION

The OMRON MC-246 Digital Thermometer is designed to provide safe and accurate body temperature measurements. This device can be used for oral or axillary (underarm) temperature readings. Utilizing advanced digital technology, it eliminates concerns associated with traditional mercury-in-glass thermometers, such as broken glass or mercury leakage.

2. PRODUCT OVERVIEW

The OMRON MC-246 Digital Thermometer includes the following components:

- Digital Thermometer Unit
- LR41 Button Cell Battery (pre-installed)
- Protective Storage Case
- Instruction Manual

Key features of your thermometer include:

- **Replaceable Battery:** Extends the product's lifespan.
- **Water-Resistant Design:** Facilitates easy cleaning and enhances durability.
- **Audible Alarm:** Notifies you when the measurement is complete.
- **Memory Function:** Stores the last temperature reading for convenient recall.
- **High Precision:** Ensures reliable temperature results.



OMRON MC-246 Digital Thermometer with its retail packaging, illustrating the product and its features.

3. SAFETY INFORMATION

Please read and understand all safety precautions before using this device.

- Do not use the thermometer for purposes other than measuring human body temperature.
- Keep the thermometer and its components out of reach of children. Small parts, such as the battery, can be a choking hazard.
- Avoid dropping the thermometer or subjecting it to strong impacts.
- Do not boil the thermometer probe or immerse the entire unit in water. Refer to the cleaning instructions.
- If you have any health concerns or questions about temperature readings, consult a medical professional.
- Do not attempt to disassemble or modify the thermometer.

4. SETUP

Your OMRON MC-246 Digital Thermometer comes with an LR41 button cell battery pre-installed. It is ready for use after initial cleaning.

- **Initial Cleaning:** Before first use, and after each subsequent use, clean the thermometer probe as detailed in the 'Maintenance and Cleaning' section.
- **Battery Check:** The thermometer should power on immediately. If the display does not activate, refer to the 'Battery Replacement' section.



Front view of the OMRON MC-246 Digital Thermometer, showing the display and power button.

5. OPERATING INSTRUCTIONS

Follow these steps for accurate temperature measurement:

1. **Power On:** Press the power button (I/O) located on the front of the thermometer. A short beep will sound, and the display

will briefly show the last measured temperature, followed by 'L' with a flashing '°C' (or '°F' if set to Fahrenheit).

2. Placement:

- *Oral Use:* Place the probe tip under the tongue, as far back as comfortable. Close your mouth and hold the thermometer in place. Avoid talking or moving during the measurement.
- *Axillary (Underarm) Use:* Place the probe tip in the center of the armpit. Ensure the tip is in good contact with the skin. Hold the arm firmly against the body to keep the thermometer in position.

3. **Measurement:** The '°C' (or '°F') symbol will flash on the display, indicating that measurement is in progress. When the measurement is complete, the thermometer will emit a series of beeps, and the final temperature reading will be displayed.
4. **Reading Memory:** To recall the last measurement, press the power button. The last reading will be displayed briefly before the thermometer enters measurement mode.
5. **Power Off:** The thermometer will automatically shut off after approximately 30 minutes of inactivity to conserve battery life. You can also manually turn it off by pressing and holding the power button until the display turns off.

6. MAINTENANCE AND CLEANING

Proper maintenance ensures the longevity and accuracy of your thermometer.

- **Cleaning:** The OMRON MC-246 is water-resistant, making cleaning simple. Wipe the thermometer probe with a soft cloth moistened with water or a mild disinfectant, such as 70% isopropyl alcohol. Do not immerse the entire thermometer in water or other liquids.
- **Storage:** After cleaning, store the thermometer in its protective case. Keep it in a dry, cool place, away from direct sunlight, extreme temperatures, and corrosive chemicals.



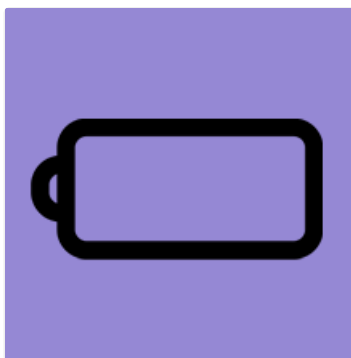
The OMRON MC-246 Digital Thermometer stored securely in its clear protective case.

7. BATTERY REPLACEMENT

The OMRON MC-246 Digital Thermometer uses one replaceable LR41 (1.5V) button cell battery. Replace the battery when the battery indicator appears on the display or if the thermometer fails to power on.

Steps for Battery Replacement:

1. Locate the battery compartment cover on the back of the thermometer.
2. Use a small coin or a flat-head screwdriver to gently twist and open the battery compartment cover.
3. Carefully remove the old LR41 battery. Dispose of used batteries according to local regulations.
4. Insert a new LR41 battery with the positive (+) side facing up.
5. Replace the battery compartment cover and secure it firmly to ensure water resistance.



An LR41 button cell battery, the type required for the OMRON MC-246 thermometer.

8. TROUBLESHOOTING

If you encounter issues with your thermometer, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
No display / Thermometer does not turn on	Battery is depleted or incorrectly installed.	Replace the battery (refer to Section 7). Ensure the battery is inserted with correct polarity.
Inaccurate or inconsistent readings	Improper placement of the probe; movement during measurement; dirty probe.	Ensure the probe is correctly positioned (oral or axillary) and held still. Clean the probe thoroughly before use.
'Err' message on display	Measurement error; poor contact with skin; ambient temperature outside operating range.	Ensure proper contact with the skin and retry the measurement. Use the thermometer within recommended operating temperatures.

9. SPECIFICATIONS

- **Model:** MC-246
- **Power Source:** 1 x LR41 (1.5V) button cell battery
- **Dimensions:** Approximately 2.4 x 7.7 x 18.1 cm
- **Weight:** Approximately 46 g (including battery)
- **Special Features:** High precision, water-resistant, audible alarm, last reading memory
- **Certification:** ML 101, 29/06/2018
- **Manufacturer:** OMRON
- **Manufacturer Reference:** P26215
- **GTIN/EAN:** 0073796246280

10. WARRANTY AND SUPPORT

For detailed warranty information, product support, or service inquiries, please refer to the warranty card included with your product or visit the official OMRON website. You may also contact OMRON customer service directly using the contact details provided in your product packaging.

Please retain your purchase receipt as proof of purchase for warranty purposes.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question