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> Omron MC-720 Non-Contact Forehead Thermometer User Manual

Omron MC720

Omron MC-720 Non-Contact Forehead Thermometer User Manual

Your guide to safe and accurate temperature measurement.

PRODUCT OVERVIEW

The Omron MC-720 Non-Contact Forehead Thermometer provides fast and hygienic temperature measurement for all ages, including infants and young children. Its non-contact design ensures sanitary use, making it ideal for family use.





Figure 1: Front view of the Omron MC-720 Thermometer, showing the display and control buttons.

This device offers three measurement modes: Forehead (body) Temperature, Room Temperature, and Surface Temperature (e.g., baby bath or bottle). It features a clear digital display and simple operation.

SETUP

1. Battery Installation

The Omron MC-720 requires one CR123A battery, which is included with the device. To install or replace the battery:

1. Locate the battery compartment cover on the back of the thermometer.
2. Slide the cover open in the direction indicated by the arrow.
3. Insert the CR123A battery, ensuring the correct polarity (+/-) as marked inside the compartment.

4. Close the battery compartment cover securely until it clicks into place.

2. Initial Power On

After installing the battery, press the **ON/MEM** button to turn on the thermometer. The display will show the ambient room temperature in standby mode. The device is now ready for use.

OPERATING INSTRUCTIONS

1. Taking a Forehead Temperature Measurement

For accurate forehead temperature readings, ensure the sensor lens is clean and free from obstructions. Remove the protective cap before use.

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FOREHEAD THERMOMETER MC-720

Fast non-contact forehead temperature
measurement for all ages



Figure 2: The Omron MC-720 Thermometer shown in its retail packaging, highlighting its use for infants.

1. Press the **ON/MEM** button to turn on the device.
2. Hold the thermometer with the sensor facing the center of the forehead, approximately 1 to 3 cm (0.4 to 1.2 inches) away. Ensure there is no hair, sweat, or cosmetics on the forehead.
3. Press the **START** button. The measurement will complete in approximately one second, and the temperature will be displayed.
4. A long beep indicates the measurement is complete. If the temperature is high, a series of short beeps will sound.
5. The display will illuminate with a backlight for easy reading.

2. Switching Between Celsius and Fahrenheit

The thermometer can display temperatures in either Celsius (°C) or Fahrenheit (°F). To switch between units:

- With the device turned off, press and hold the **START** button.
- While holding **START**, press and hold the **ON/MEM** button for more than 3 seconds.
- The display will show the current unit (°C or °F). Release both buttons.
- Press the **ON/MEM** button again to toggle between °C and °F.
- Press the **START** button to confirm your selection and exit the setting mode.

3. Room and Surface Temperature Measurement

In standby mode, the thermometer automatically displays the ambient room temperature. To measure surface temperature:

- Turn on the thermometer by pressing the **ON/MEM** button.
- Press the **ON/MEM** button again to cycle through the measurement modes until the surface temperature icon (a small droplet) appears.
- Point the sensor at the surface you wish to measure (e.g., baby bottle, bath water) and press the **START** button.
- The surface temperature will be displayed.

4. Memory Function

The Omron MC-720 stores the last 25 measurement readings. To recall past readings:

- With the device turned off, press the **ON/MEM** button.
- While the room temperature is displayed, press the **ON/MEM** button again to enter memory mode.
- Each subsequent press of the **ON/MEM** button will cycle through the stored readings, from most recent to oldest.

MAINTENANCE

1. Cleaning the Thermometer

To ensure accurate readings and hygienic use, regularly clean your thermometer:

- Wipe the main body of the thermometer with a soft, dry cloth.
- For the sensor lens, gently wipe with a cotton swab or soft cloth moistened with alcohol. Do not use abrasive cleaners or immerse the device in water.
- Ensure the sensor lens is completely dry before storing or using the thermometer.

2. Storage

Store the thermometer in a clean, dry place, away from direct sunlight, extreme temperatures, and humidity. Always replace the protective cap over the sensor when not in use.

TROUBLESHOOTING

Problem	Possible Cause	Solution
"Lo" displayed after measurement	The measured temperature is too low for the thermometer to register (below 34°C / 93.2°F).	Ensure proper contact or proximity to the measurement area. This is not an error for body temperature if the reading is genuinely low.
"Error" displayed	Measurement taken too quickly after a previous reading, or an environmental issue.	Wait a few seconds for the "head" indicator to stop blinking before taking another measurement. Ensure stable ambient conditions.
Inaccurate readings	Dirty sensor lens, incorrect measurement distance, or environmental factors.	Clean the sensor lens. Maintain the recommended 1-3 cm distance from the forehead. Avoid strong air currents or direct sunlight during measurement.
No power / Low battery indicator	Battery is depleted or incorrectly installed.	Replace the CR123A battery, ensuring correct polarity.

SPECIFICATIONS

Feature	Detail
Model Number	MC720
Product Dimensions	5.91 x 1.57 x 5.91 inches; 8.11 ounces
Power Source	Battery Powered (1 CR123A battery included)
Measurement Modes	Forehead, Room, Surface
Measurement Time	1 Second Reading
Display Type	Digital
Special Feature	Non-Contact
Color	White
Outer Material	Plastic
Age Range (Description)	Infant (suitable for all ages)
Product Care Instructions	Wipe Clean



Figure 3: Side view of the Omron MC-720 Thermometer packaging, detailing product specifications.

WARRANTY AND SUPPORT

For detailed warranty information and customer support, please refer to the warranty card included in your product packaging or visit the official Omron website. Omron provides comprehensive support for its products. You can also find additional resources and frequently asked questions on the [Omron Store on Amazon](#).

IMPORTANT SAFETY INFORMATION

Statements regarding dietary supplements have not been evaluated by the FDA and are not intended to diagnose,

treat, cure, or prevent any disease or health condition. This product is a medical device and should be used according to the instructions provided.