

ALPHAMED UFR103

ALPHAMED Infrared Forehead Digital LCD Thermometer

MODEL: UFR103 - USER MANUAL

1. Introduction

Thank you for choosing the ALPHAMED UFR103 Infrared Forehead Digital LCD Thermometer. This device is designed for fast, accurate, and non-contact temperature measurement of the human body, objects, and ambient room temperature. It features a backlit digital LCD display for easy reading and is suitable for all ages.

Key features include:

- Infrared thermometer with backlit digital LCD display.
- Fast 1-second reading with high-precision sensor and advanced infrared technology.
- Memory function stores up to 20 measurements to monitor body temperature changes and assist in fever diagnosis.
- Automatic shutdown after 60 seconds of inactivity to conserve energy.
- Measures ambient, body, and object temperatures.



Image 1: ALPHAMED Infrared Forehead Thermometer UFR103 and its packaging.

2. Safety Information

Please read all instructions carefully before using this device. Failure to follow these instructions may result in inaccurate readings or product damage.

- For external use only.
- Avoid contact with eyes.
- Keep away from direct open flame or heat sources.
- Do not immerse the device in water or other liquids.
- Do not drop the thermometer or expose it to strong mechanical shock.
- Keep out of reach of children without adult supervision.
- Consult a physician if you have concerns about temperature readings.

3. Product Overview

The ALPHAMED UFR103 thermometer is designed for user-friendly operation. Familiarize yourself with its components and features:



Image 2: Diagram illustrating key features of the thermometer.



Image 3: Front and side view of the ALPHAMED UFR103 thermometer.

The device incorporates an integrated precision probe for accurate readings, supported by a smart chip and non-contact infrared technology.

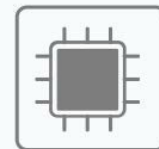
Integrated Precision probe



Beep Indicator



1s Fast Reading



Smart Chip



Non-Contact Infrared

Image 4: Integrated precision probe and technological features.

4. Setup

Before first use, or when the low battery indicator appears, install or replace the batteries.

4.1 Battery Installation

1. Locate the battery compartment cover on the handle of the thermometer.
2. Slide the cover open according to the arrow indicator.
3. Insert two (2) AAA batteries, ensuring correct polarity (+ and -).
4. Close the battery compartment cover securely.

The thermometer requires 2 AAA batteries for operation.

5. Operating Instructions

5.1 Power On/Off

Press the measurement button (trigger) to turn on the thermometer. The device will perform a self-test and display the last measurement. The thermometer will automatically shut down after approximately 60

seconds of inactivity to conserve battery life.

5.2 Selecting Measurement Mode

The thermometer can measure body temperature, object temperature, and ambient room temperature. Use the 'MODE' button (if available, refer to device buttons) to cycle through these modes. The selected mode will be indicated on the LCD display.

5.3 Taking a Measurement

1. Ensure the correct measurement mode is selected (e.g., Body mode for human temperature).
2. Point the thermometer at the center of the forehead from a distance of 3-5 cm (1.2-2 inches) for body temperature. For object temperature, point at the desired surface.
3. Press and release the measurement button (trigger).
4. The temperature reading will be displayed on the LCD screen within 1 second. A beep sound will indicate the completion of the measurement (if not muted).



Image 5: Taking a non-contact forehead temperature measurement.

PERFECT FOR OFFICE/COMMERCIAL/INDUSTRIAL



Image 6: Thermometer in use, highlighting 1-second fast reading.

5.4 Switching Temperature Units (°C/°F)

With the device powered on, press the 'SET' button (or similar button indicated on your device) to switch between Celsius (°C) and Fahrenheit (°F). The selected unit will be displayed on the screen.

5.5 Memory Function

The thermometer can store up to 20 previous temperature readings. To access the memory, press the 'MEM' button. Each press will cycle through the stored readings. This feature helps in tracking temperature changes over time.

5.6 Fever Alarm Function

The device is equipped with a fever alarm function. If a body temperature reading exceeds a predefined threshold (e.g., 99.5°F or 37.5°C), the thermometer may emit a specific alarm sound or change the backlight color to indicate a potential fever.



FEVER ALARM FUNCTION



Image 7: Visual representation of the fever alarm function.

5.7 Mute Function

Some models may include a mute function to silence the beep sounds. Refer to the device's buttons or settings for this option, often indicated by a speaker icon with a cross through it.



Image 8: Versatile design and ease of use features, including mute function.

6. Maintenance

6.1 Cleaning

- Use a soft, dry cloth to clean the thermometer body.
- For the probe and lens, gently wipe with a cotton swab slightly moistened with alcohol. Allow to dry completely before use.
- Do not use abrasive cleaners or immerse the device in water.

6.2 Storage

- Store the thermometer in a cool, dry place, away from direct sunlight and extreme temperatures.
- Remove batteries if the device will not be used for an extended period to prevent leakage.

7. Troubleshooting

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

- **No Power:** Check if batteries are inserted correctly and are not depleted. Replace batteries if necessary.
- **Inaccurate Readings:** Ensure the probe is clean. Make sure the measurement distance is correct (3-5 cm for forehead). Avoid taking measurements in environments with strong airflow or extreme temperature changes. Allow the thermometer to acclimatize to room temperature for 30 minutes if moved from a different environment.
- **Error Message on Display:** Refer to the specific error code in the full product manual (if available) or contact customer support. Common errors might indicate ambient temperature outside operating range or sensor issues.
- **No Beep Sound:** Check if the mute function is activated.

8. Specifications

Model Number	UFR103
Brand	ALPHAMED
Display Type	LCD
Connectivity Technology	Infrared
Power Source	Battery Powered
Batteries Required	2 AAA (Type of battery needed)
External Material	Plastic
Color	White
Special Feature	High Precision
Unit Count	1 unit
Dimensions	19.05 x 11.43 x 5.08 cm; 204.12 grams (Package Dimensions)

9. Warranty and Support

For warranty information or technical support, please refer to the documentation included with your purchase or contact ALPHAMED customer service directly. Contact details can typically be found on the product packaging or the manufacturer's official website.