

Manuals.plus /

> [Pangao](#) /

> Pangao PG-IRT1602 Infrared Forehead Thermometer User Manual

Pangao PG-IRT1602

Pangao PG-IRT1602 Infrared Forehead Thermometer User Manual

Model: PG-IRT1602 | Brand: Pangao

1. INTRODUCTION

Thank you for choosing the Pangao PG-IRT1602 Infrared Forehead Thermometer. This device is designed for accurate and non-contact temperature measurement of the human body and objects. Please read this manual thoroughly before use to ensure proper operation, safety, and to achieve the most accurate results. Keep this manual for future reference.

2. SAFETY INFORMATION

- Do not immerse the thermometer in water or other liquids.
- Do not expose the thermometer to direct sunlight or extreme temperatures.
- Keep the device out of reach of children.
- Do not drop or subject the thermometer to strong impact.
- Avoid touching the sensor lens directly. If cleaning is necessary, refer to the maintenance section.
- This thermometer is intended for household use. Consult a medical professional for any health concerns.
- Do not attempt to disassemble or repair the device yourself.

3. PRODUCT OVERVIEW

The Pangao PG-IRT1602 Infrared Forehead Thermometer features a compact design with an easy-to-read display and intuitive controls.

Components:

- Infrared Sensor:** For non-contact temperature measurement.
- LCD Display:** Shows temperature readings, unit, and memory indicators.
- Measurement Button:** Initiates a temperature reading.
- Memory/Mode Button:** Recalls previous readings and switches measurement modes.
- Battery Compartment:** Located at the bottom for AAA batteries.







Figure 3.1: Front view of the thermometer, highlighting the display and control buttons.





Figure 3.2: Top view of the thermometer, showing the infrared sensor for temperature detection.

4. SETUP

Battery Installation:

1. Open the battery compartment cover located at the bottom of the thermometer.
2. Insert two (2) 1.5V AAA alkaline batteries, ensuring correct polarity (+/-).
3. Close the battery compartment cover securely.

The thermometer is now ready for use. If the battery indicator appears on the display, replace the batteries.

5. OPERATING INSTRUCTIONS

5.1 Taking a Forehead Temperature Measurement:

1. Ensure the thermometer is clean and the sensor is unobstructed.
2. Point the thermometer at the center of the forehead from a distance of 3-5 cm (1.2-2 inches).
3. Press the Measurement Button once.
4. The temperature reading will be displayed on the LCD screen within 1 second.
5. The device will automatically power off after 30 seconds of inactivity to conserve battery life.

5.2 Switching Temperature Units (Celsius/Fahrenheit):

With the thermometer powered on, press and hold the Memory/Mode Button for a few seconds until the unit changes from °C to °F or vice versa. The selected unit will be saved for future measurements.

5.3 Recalling Memory Records:

The thermometer can store up to 9 measurement records. To recall them:

1. With the thermometer powered on, briefly press the Memory/Mode Button.
2. Each press will cycle through the stored readings, from the most recent to the oldest.

5.4 Backlight Color Indications:

The LCD backlight changes color to indicate different temperature ranges:

- **Green Backlight:** Indicates a normal temperature range (34.0°C - 37.2°C).
- **Orange Backlight:** Indicates a medium temperature range (37.2°C - 38.2°C).
- **Red Backlight:** Indicates a high or low temperature (above 42.2°C or below 34.0°C). This also serves as a fever alarm.

6. MAINTENANCE

Cleaning the Thermometer:

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

Storage:

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

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/Device won't turn on	Dead or incorrectly installed batteries.	Replace batteries with new 1.5V AAA alkaline batteries, ensuring correct polarity.
Inaccurate readings	Sensor is dirty; measurement distance is incorrect; environmental temperature fluctuations.	Clean the sensor. Ensure correct measurement distance (3-5 cm). Allow the thermometer to acclimatize to room temperature for 30 minutes before use.
"Lo" or "Hi" displayed	Temperature is outside the measurable range (34.0°C - 42.2°C).	Ensure the measurement is taken correctly on the forehead. If the reading is genuinely outside this range, seek medical attention.

8. SPECIFICATIONS

Product Name: Infrared Forehead Thermometer

Model Number: PG-IRT1602

Measurement Method: Non-contact infrared

Measurement Distance: 3-5 cm

Measurement Duration: 1 second

Accuracy: 35.0°C ~ 42.0°C (± 0.2°C)

Display Unit: Celsius (°C) / Fahrenheit (°F) switchable

Memory Storage: 9 sets of measurements

Automatic Power-off: After 30 seconds of inactivity

Backlight Indication: Green (Normal), Orange (Medium), Red (High/Low)

Power Supply: 2 x 1.5V AAA alkaline batteries

Shipping Dimensions: 20.2 x 10.4 x 4 cm

Weight: Approximately 128 grams (with packaging)

Manufacturer Reference: zl-756

ASIN: B07VSCRV39

pangaO

Infrared Forehead Thermometer

- Non-touching type infrared measurement of forehead temperature.
- Multiple colors and backlight display: White, Green, Orange and Red.
- 9 sets of memory values.
- The switch of degree Fahrenheit °F and degree Celsius °C.
(original setting is degree Celsius °C.)

		
34 °C~37.1 °C	37.2 °C~38.1 °C	38.2 °C~43.0 °C

Specifications of the product:

Product name: Infrared Forehead Thermometer

Model number: PG-IRT1602

Product appearance dimensions: 34×160×50mm

Product weight: about 68g (except battery)

Measuring range: 34.0°C~43.0°C (93.2°F~109.4°F)

Object temperature: 0°C~93.2°C (32°F~199.7°F)

Resolution ratio: 0.1°C/°F

Measurement Location: laboratory

Accuracy: (35.0°C~42.0°C)±0.2°C, (95.0°F~107.9°F)±0.4°F,
other temperature ±0.3°C

Operation temperature: 10.0°C~40.0°C (50.0°F~104.0°F),

relative maximum humidity 15%RH~93%RH

Atmospheric pressure: 70kPa~106kPa

Transportation/storage temperature: -25°C~55°C (-13°F~131°F),

relative maximum humidity 0%RH~93%RH

Atmospheric pressure: 50kPa~106kPa

Automatically shut down: if no operation for 30 seconds, it will shutdown automatically.

Period of use: five years

Battery: two pieces of 1.5V AAA batteries (alkaline batteries are recommended to use).



Figure 8.1: Product packaging displaying detailed specifications.

9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation included with your product packaging or contact Pangao customer support directly. The manufacturer reference number is zl-756. For further assistance or inquiries, please visit the official Pangao website or contact your retailer.

For product authenticity verification, you may refer to the UPC/EAN: [6948423808824](#).

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](#)

Open the live page

<https://manuals.plus/asin/B07VSCRV39>

More documents and user manuals: <https://manuals.plus/>