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SANSHIELD CK-T1502

SANSHIELD Non-Contact Forehead Thermometer User Manual

Model: CK-T1502

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1. INTRODUCTION

The SANSHIELD Non-Contact Forehead Thermometer (Model CK-T1502) is an advanced infrared digital thermometer designed for quick and accurate temperature measurement. It features both body mode for human temperature (forehead) and object mode for surfaces, food, or liquids. Its non-contact design ensures hygienic use, making it suitable for adults, children, and the elderly. Equipped with high-precision sensors, it provides readings in just one second with an accuracy of 0.4°F.

2. SAFETY INFORMATION

Please read all instructions carefully before using this device. Improper use may result in inaccurate readings or damage to the device.

- Do not immerse the thermometer in water or other liquids.
- Keep the device away from direct sunlight, dust, and extreme temperatures.
- Do not drop the thermometer or subject it to strong impact.
- Ensure the ambient temperature is above 59°F (15°C) for optimal performance and allow the thermometer and user to acclimate to the environment before taking a reading.
- This thermometer is intended for household use and is not a substitute for professional medical advice. Consult a doctor if you have concerns about temperature readings.
- Keep out of reach of children.

FEVER ALARM



89.6°F - 99.4°F
Light indicator - Green.



99.5°F - 100.3°F
Light indicator - Orange



100.4°F - 109.4°F
Light indicator - Red

Figure 2.1: Optimum measurement distance of 1-2 inches from the forehead for accurate readings. Ensure ambient temperature is above 59°F and both thermometer and user are acclimated.

3. PACKAGE CONTENTS

Upon opening the package, please verify that all items listed below are present and in good condition:

- 1x SANSFIELD Non-Contact Forehead Thermometer (Model CK-T1502)
- 1x Carrying Pouch
- 1x User Manual
- *Note: 2x AAA batteries are NOT included and must be purchased separately.*

Package Contents



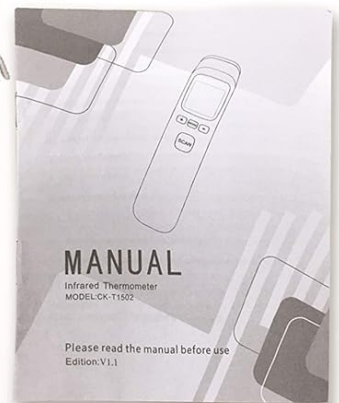
Packaging Box X 1



Thermometer X 1



Pouch Bag X 1



User Manual X 1

***Batteries not included**

Figure 3.1: Contents included in the SANSFIELD Non-Contact Forehead Thermometer package. Please note that AAA batteries are required for operation and are not supplied.

4. PRODUCT OVERVIEW

Familiarize yourself with the components of your SANSFIELD Non-Contact Forehead Thermometer:



Figure 4.1: The SANSIELD Non-Contact Forehead Thermometer and its packaging.



Figure 4.2: Dimensions of the thermometer, approximately 6.5 inches long and 1.6 inches wide.

Key Features:

10 CORE ADVANTAGES



Non-contact measurement



Fever alarm



1 second temperature measurement



Unit conversion



32 sets of memory



Accurate measurement (+/- 0.4 F)°



Body mode or object mode



Backlight



Intelligent light indicator



Shut off after 15 seconds

Figure 4.3: Overview of the thermometer's 10 core advantages, including non-contact measurement, fever alarm, and 1-second readings.

- **Infrared Sensor:** Located at the top, used for non-contact temperature detection.
- **LCD Display:** Clear, three-color backlit screen for temperature readings and indicators.
- **SCAN Button:** Initiates temperature measurement.
- **MODE Button:** Switches between Body and Object measurement modes.
- **'+' and '-' Buttons:** Used for navigating memory records or adjusting settings.
- **Battery Compartment:** Located at the handle, requires 2 AAA batteries.

5. SETUP

5.1 Battery Installation

The SANSIELD thermometer requires 2 AAA batteries (not included) for operation.

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

2. Slide the cover downwards to open the compartment.
3. Insert two AAA batteries, ensuring the positive (+) and negative (-) terminals align correctly with the indicators inside the compartment.
4. Slide the battery compartment cover back into place until it clicks securely.

The thermometer will power on automatically once batteries are correctly installed. If not, press the SCAN button to turn it on.

6. OPERATING INSTRUCTIONS

6.1 Taking a Temperature Reading (Body Mode)

1. Ensure the thermometer is in Body Mode. If not, press the **MODE** button to switch until the body icon appears on the display.
2. Hold the thermometer 1-2 inches (3-5 cm) away from the center of the forehead.
3. Press the **SCAN** button once.
4. The temperature reading will appear on the LCD screen within 1 second.
5. The screen backlight color will indicate the temperature status:
 - **Green:** Normal temperature (89.6°F - 99.4°F / 32.0°C - 37.4°C)
 - **Orange:** Slight fever (99.5°F - 100.3°F / 37.5°C - 37.9°C)
 - **Red:** High fever (100.4°F - 109.4°F / 38.0°C - 43.0°C) with an audible alarm.



For the best readings, ensure ambient temperature is higher than 59°F and user and thermometer have acclimated.

Optimum Distance

1-2"



Figure 6.1: The three-color LCD display indicating temperature ranges for normal, slight fever, and high fever.



Figure 6.2: Examples of the thermometer's versatile use for body and object temperature measurements.

6.2 Taking a Temperature Reading (Object Mode)

Object mode is suitable for measuring the temperature of surfaces, liquids (like baby formula), or ambient room temperature.

1. Press the **MODE** button to switch until the object icon appears on the display.
2. Point the thermometer at the object or surface you wish to measure, maintaining a distance of 1-2 inches.
3. Press the **SCAN** button.
4. The temperature reading will be displayed.

6.3 Switching Temperature Units (°F/°C)

To switch between Fahrenheit (°F) and Celsius (°C):

- With the thermometer powered on, press and hold the **MODE** button for approximately 3-5 seconds.
- The unit will change on the display. Release the button when the desired unit is shown.

6.4 Memory Function

The thermometer stores up to 32 sets of temperature readings, allowing you to track changes over time.

- To view stored readings, press the '+' or '-' buttons when the thermometer is on.
- Each press will cycle through the stored readings, from the most recent to the oldest.

6.5 Automatic Shut-off

To conserve battery life, the thermometer will automatically shut off after approximately 15 seconds of inactivity.

7. MAINTENANCE

7.1 Cleaning the Thermometer

Regular cleaning ensures accurate readings and extends the life of your device.

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

7.2 Storage

When not in use, store the thermometer in its carrying pouch 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 and potential damage to the device.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
No display/Device won't turn on	Batteries are dead or incorrectly installed.	Replace batteries with new AAA batteries, ensuring correct polarity.
Inaccurate readings	Incorrect measurement distance. Sensor lens is dirty. Thermometer/user not acclimated to ambient temperature. Strong electromagnetic interference.	Maintain 1-2 inch distance from forehead. Clean the sensor lens gently with an alcohol swab. Allow 15-30 minutes for thermometer and user to acclimate to room temperature (above 59°F). Move away from strong electronic devices.
"Lo" or "Hi" displayed	Temperature is outside the measurable range.	Ensure measurement is within the specified operating range (Body: 89.6°F-109.4°F; Object: 32°F-212°F).
Screen backlight color is incorrect	This is a feature, not a malfunction.	Refer to Section 6.1 for explanation of color indicators (Green, Orange, Red).

If the problem persists after trying these solutions, please contact customer support.

9. SPECIFICATIONS

Feature	Detail
Model Number	CK-T1502
Measurement Method	Non-Contact Infrared
Measurement Distance	1-2 inches (3-5 cm)
Measurement Time	1 second
Body Temperature Range	89.6°F - 109.4°F (32.0°C - 43.0°C)
Object Temperature Range	32°F - 212°F (0°C - 100°C)
Accuracy	±0.4°F (±0.2°C)
Memory Storage	32 readings
Display Type	LCD with 3-color backlight
Power Source	2 x AAA Batteries (not included)
Automatic Shut-off	Approx. 15 seconds
Product Dimensions	6.81 x 1.85 x 1.81 inches
Product Weight	3.21 ounces
Manufacturer	Shenzhen Changkun Technology Co., Ltd.
Care Instructions	Wipe Clean

10. WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official SANSFIELD website. Please have your model number (CK-T1502) and purchase date ready when contacting support.

Manufacturer: Shenzhen Changkun Technology Co., Ltd.



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This manual is for informational purposes only. Product specifications are subject to change without notice.