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> AccuSure HS650 Mercury-Free Digital Thermometer User Manual

AccuSure HS650

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Model: HS650

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your AccuSure HS650 Mercury-Free Digital Thermometer. Please read these instructions thoroughly before using the device and retain them for future reference.

The AccuSure HS650 is a non-contact infrared thermometer designed for measuring body temperature and surface temperature. It provides quick and accurate readings without physical contact, making it suitable for various applications.

2. PRODUCT OVERVIEW

2.1 Components

The AccuSure HS650 Digital Thermometer package includes:

- 1 x AccuSure HS650 Digital Thermometer
- 2 x AAA Batteries (included)
- 1 x User Manual



Image: AccuSure HS650 Digital Thermometer. This image displays the thermometer itself, highlighting its design and the transparent storage case.

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FEATURES



**1 Sec
Measurement**



**Infrared
Technology**



**50
Memory**



**Aim at the forehead
with distance 1~5cm**



Image: Key features of the AccuSure HS650 thermometer. This graphic illustrates features such as 1-second measurement, infrared technology, 50 reading memory, and the recommended 1-5cm aiming distance for forehead temperature.

2.2 Features

- **Accurate Measurement:** Measures actual temperature in both Celsius (°C) and Fahrenheit (°F).
- **Fast Readout:** Provides results in approximately 1 second.
- **Non-Contact:** Infrared technology allows for temperature measurement from a distance of 1-5 cm.
- **Memory Function:** Stores up to 50 previous readings.
- **Dual Mode:** Capable of measuring both body temperature and surface temperature.
- **Fever Alert:** Features a red backlight for high fever alerts and a three-color backlight system for temperature indication.
- **Large Display:** Easy-to-read digital display.
- **Auto On/Off:** Device automatically powers off after a period of inactivity to conserve battery.

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Image: Three-color backlight display. This image shows the thermometer's screen changing colors (blue, orange, red) to indicate normal temperature (95.9-99.1°F), sight fever (99.3-100.4°F), and high fever (100.6-109.4°F).



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Body Mode

2 in 1 Mode



Surface Mode

Image: Body Mode and Surface Mode. This graphic illustrates the thermometer's ability to measure both human body temperature and the temperature of objects like baby formula.

3. SETUP

3.1 Battery Installation

1. Open the battery compartment cover located at the bottom of the handle.
2. Insert two AAA batteries, ensuring correct polarity (+ and -).
3. Close the battery compartment cover securely.

The thermometer is ready for use once batteries are installed.

4. OPERATION

4.1 Power On/Off

- To power on, press the "On/Off" button (usually the trigger button). The device will perform a self-test and display the last reading.
- The device will automatically power off after approximately 60 seconds of inactivity.

4.2 Mode Selection (Body/Surface)

The thermometer typically has a mode button to switch between Body Temperature mode and Surface Temperature mode. Refer to the device's specific buttons for mode selection.

4.3 Taking a Temperature Reading

1. Ensure the thermometer is in the desired mode (Body or Surface).
2. Point the thermometer's probe at the center of the forehead for body temperature, or at the object for surface temperature, maintaining a distance of 1-5 cm.
3. Press the measurement button (trigger).
4. The temperature reading will be displayed on the screen within approximately 1 second.
5. For body temperature, the backlight color will indicate the temperature range:
 - **Blue:** Normal temperature (e.g., 95.9-99.1°F / 35.5-37.3°C)
 - **Orange:** Slight fever (e.g., 99.3-100.4°F / 37.4-38.0°C)
 - **Red:** High fever (e.g., 100.6-109.4°F / 38.1-43.0°C)



Image: Taking a 1-second temperature measurement. This image demonstrates holding the thermometer 0.2-2 inches (approximately 0.5-5 cm) from the forehead for a quick reading.

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Press start button
then read display



°C/°F
Switchable



Red Backlight
Fever Alert



Body mode



Object mode

Image: Thermometer controls and display. This graphic highlights the start button, Celsius/Fahrenheit switch, red backlight fever alert, and the body/object mode selection.

4.4 Switching Temperature Units (°C/°F)

Locate the °C/°F switch button, usually found near the display or on the side of the device. Press it to toggle between Celsius and Fahrenheit units.

4.5 Memory Recall

Press the "Memory" button (often labeled "M") to view previous temperature readings. Repeated presses will cycle through stored measurements.

5. MAINTENANCE AND CARE

- **Cleaning:** Use a soft, dry cloth to clean the thermometer body. For the probe, gently wipe with an alcohol swab. Do not immerse the device in water or use abrasive cleaners.
- **Storage:** Store the thermometer in its transparent storage case in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Battery Replacement:** Replace batteries when the low battery indicator appears on the display. Ensure proper disposal of used batteries according to local regulations.

- **Calibration:** The thermometer is factory-calibrated. If you suspect inaccuracies, contact customer support.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
No display/Device won't turn on	Dead or incorrectly installed batteries.	Check battery polarity; replace batteries.
Inaccurate readings	Incorrect measurement distance; dirty sensor; environmental factors (drafts, direct sunlight).	Ensure 1-5 cm distance; clean sensor; measure in a stable environment.
"Lo" or "Hi" displayed	Temperature outside measurement range.	Ensure target temperature is within the device's specified range (0-100°C / 32-212°F for surface, 32-42°C / 89.6-107.6°F for body).

7. SPECIFICATIONS

- **Model:** HS650
- **Display Type:** Digital
- **Connectivity Technology:** Infrared
- **Power Source:** Battery Powered (2 x AAA batteries)
- **Measurement Range (Body):** 32°C - 42°C (89.6°F - 107.6°F)
- **Measurement Range (Surface):** 0°C - 100°C (32°F - 212°F)
- **Accuracy:** ±0.2°C (±0.4°F) for body temperature
- **Response Time:** Approximately 1 second
- **Memory:** 50 readings
- **Automatic Shut-off:** Yes
- **Dimensions:** 20 x 5 x 16 cm
- **Weight:** 500 g
- **Material:** Rubber (Outer Material)
- **Color:** Ivory
- **Certification:** CE

8. WARRANTY AND SUPPORT

For warranty information or technical support, please contact AccuSure customer service. The product comes with a standard warranty as per manufacturer terms.

Customer Care No: 9810976772

You can also visit the official AccuSure website for more information www.accusuureindia.com

9. PRODUCT VIDEO

Your browser does not support the video tag.

Video: AccuSure HS650 Digital Thermometer Overview. This video demonstrates the product's features, what's included in the box, and basic operation.