Welch Allyn B08T5TLHMF

Welch Allyn Contact-Free Clinical-Grade Forehead Thermometer

MODEL: **B08T5TLHMF**

Introduction

This manual provides essential instructions for the safe and effective use of your Welch Allyn Contact-Free Clinical-Grade Forehead Thermometer. Please read this manual thoroughly before initial use and retain it for future reference. This device is designed for accurate, non-contact temperature measurement of the forehead.

Safety Information

- Do not use the thermometer for purposes other than measuring human body temperature.
- Keep the device out of reach of children.
- Avoid dropping the thermometer or subjecting it to strong impacts.
- Do not expose the thermometer to direct sunlight, extreme temperatures, or high humidity.
- Consult a physician if you have concerns about temperature readings or your health.
- Do not attempt to disassemble or repair the device yourself.

What's in the Box

Upon unpacking, please verify that all items are present and undamaged:

- (1) Welch Allyn Contact-Free Clinical-Grade Forehead Thermometer
- (2) AAA Batteries

Product Features

The Welch Allyn Contact-Free Thermometer offers several key features for efficient and accurate temperature measurement:

- **Contact-Free Measurement:** Eliminates the need for disposable probe covers and disinfection between readings, promoting hygiene.

- **Clinical-Grade Accuracy:** Designed for reliable temperature readings.

- **Measurement Feedback System:** Detects the proper operating distance to ensure consistent accuracy.

- **Long Battery Life:** Capable of approximately 3,000 readings on two "AAA" batteries.

- **Bright Backlit Display:** Ensures clear visibility of readings in various lighting conditions.

- **Dedicated Function Buttons:** Includes buttons for pulse timer, Celsius/Fahrenheit conversion, and memory recall.

Image 1: Front view of the Welch Allyn Contact-Free Forehead Thermometer, showing the display, measurement button, memory button, C/F button, and pulse timer button.

Setup

1. Battery Installation

1. Locate the battery compartment cover on the back or bottom of the thermometer.

2. Gently slide or unclip the cover to open the compartment.

3. Insert the two "AAA" batteries, ensuring correct polarity (+ and -) as indicated inside the compartment.

4. Replace the battery compartment cover securely.

Image 2: Side view of the Welch Allyn Contact-Free Forehead Thermometer, illustrating its ergonomic design. The battery compartment is typically located on the underside or rear of the device.

2. Initial Power-On

After installing batteries, press the power/measurement button once to turn on the device. The display will illuminate, and the thermometer will perform a brief self-check before entering standby mode, ready for measurement.

Operating Instructions

1. Taking a Temperature Measurement

1. Ensure the thermometer is clean and free of obstructions.

2. Position the thermometer approximately 1-2 inches (2.5-5 cm) from the center of the patient's forehead. The device features a measurement feedback system to guide you to the correct distance.

3. Press and release the measurement button (often indicated by a thermometer icon).

4. Hold the thermometer steady until a beep sounds and the temperature reading appears on the display.

5. Record the reading if necessary. The thermometer will automatically turn off after a period of inactivity or can be manually turned off by pressing and holding the power button.

Image 3: View of the Welch Allyn Contact-Free Forehead Thermometer, highlighting the infrared sensor area at the front, which should be aimed at the forehead for accurate readings.

2. Switching Between Celsius and Fahrenheit

To change the temperature unit, press the "C/F" button. The display will toggle between Celsius (°C) and Fahrenheit (°F). The selected unit will be indicated on the screen.

3. Memory Recall

The thermometer stores previous temperature readings. To access these, press the "Mem" button. Repeated presses will cycle through stored readings. The number of stored readings may vary by model.

4. Pulse Timer Function

To use the pulse timer, press the dedicated pulse timer button (often indicated by a clock icon). Follow the on-screen prompts or refer to the specific timing sequence for accurate pulse measurement. This feature assists in manually counting pulse rates over a set period.

Maintenance

Cleaning the Thermometer

- Wipe the thermometer body with a soft cloth dampened with isopropyl alcohol (70% concentration) or a mild disinfectant.
- Pay special attention to the sensor lens. Use a cotton swab lightly moistened with alcohol to gently clean the lens. Avoid excessive pressure or abrasive materials, as this can damage the sensor.
- Do not immerse the thermometer in water or any cleaning solution.
- Allow the thermometer to air dry completely before storage or next use.

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 and potential damage to the device.

Troubleshooting

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

Problem	Possible Cause / Solution
"Err" message on display	**Too far from forehead:** Ensure the thermometer is within 1-2 inches (2.5-5 cm) of the forehead. **Sensor obstruction:** Check if the sensor lens is clean and free of dirt or debris. **Environmental conditions:** Ensure the thermometer is used within its specified operating temperature range.
Inaccurate or inconsistent readings	**Incorrect measurement distance:** Maintain the recommended 1-2 inch distance. **Movement during measurement:** Keep the thermometer and patient still during the reading. **Dirty sensor:** Clean the sensor lens as per maintenance instructions. **Environmental factors:** Avoid taking readings in drafts, direct sunlight, or near strong heat sources. Allow the thermometer to acclimate to room temperature for 30 minutes if moved from a different environment.
Thermometer does not turn on	**Dead batteries:** Replace with new "AAA" batteries. **Incorrect battery installation:** Check battery polarity. **Battery compartment not closed:** Ensure the battery cover is securely fastened.
Display is dim or flickering	**Low battery:** Replace batteries.

Specifications

- **Model:** B08T5TLHMF
- **Measurement Method:** Non-contact infrared
- **Power Source:** 2 x "AAA" batteries
- **Battery Life:** Approximately 3,000 readings
- **Display:** Backlit LCD
- **Units:** Celsius (°C) / Fahrenheit (°F)
- **Memory:** Stores previous readings (specific capacity may vary)
- **Manufacturer:** Hillrom (Welch Allyn is a Hillrom brand)
- **Package Dimensions:** 10.24 x 6.42 x 2.24 inches
- **Weight:** 8.78 ounces (including batteries)

Warranty and Support

For warranty information, technical support, or service inquiries, please contact the manufacturer directly.

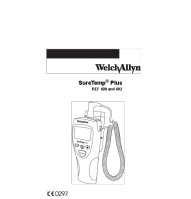**Manufacturer Contact Information:**

Brand: Welch Allyn (a Hillrom brand)

Phone: 800-535-6663

Website: www.welchallyn.com (or relevant Hillrom support site)

Please have your product model number (B08T5TLHMF) and date of purchase available when contacting support.

Related Documents - B08T5TLHMF

	Braun ThermoScan PRO 6000 Ear Thermometer: Technology and Success | Welch Allyn Discover the advanced technology behind the Braun ThermoScan PRO 6000 clinical ear thermometer from Welch Allyn. Learn about its accuracy, PerfecTemp, ExacTemp, and pre-warmed tip features for precise temperature measurement.
	Welch Allyn SureTemp Plus Thermometer User Manual (Models 690 & 692) Comprehensive user manual for the Welch Allyn SureTemp Plus digital thermometer, covering operation, safety, maintenance, and specifications for models 690 and 692.
	Welch Allyn CareTemp No-Touch Thermometer User Manual This document provides instructions for the use, maintenance, and troubleshooting of the Welch Allyn CareTemp No-Touch Thermometer. It covers device features, measurement procedures, error messages, and specifications.
	Welch Allyn HScribe Holter Analysis System User Manual Comprehensive user manual for the Welch Allyn HScribe Holter Analysis System, detailing its capabilities for ECG data acquisition, analysis, reporting, and system configuration for clinical professionals.
	SureTemp Plus Wall Holder: Installation and Mounting Guide User instructions for mounting the SureTemp Plus Wall Holder by Welch Allyn. Includes steps for installation, label application, and security features, with recommended dimensions and clearances.

[Welch Allyn Connex Spot Monitor: Directions for Use](#)

This document provides comprehensive directions for use for the Welch Allyn Connex Spot Monitor, a vital signs monitoring device used by clinicians to measure noninvasive blood pressure, pulse rate, SpO2, and body temperature.