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› A&D Medical DT-103 Digital Thermometer User Manual

A&D Medical DT-103

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Model: DT-103

1. INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your A&D Medical DT-103 Digital Thermometer. Please read all instructions thoroughly before use and retain this manual for future reference. The A&D Medical DT-103 is designed for accurate body temperature measurement in adults and children. It offers quick readings and can be used orally, under the arm, or rectally. Key features include a 60-second reading time, last measurement memory, an audible beep indicator, and automatic shut-off.



Image 1: The A&D Medical DT-103 Digital Thermometer shown with its protective carrying case.

2. IMPORTANT SAFETY INFORMATION

- Do not boil the thermometer.
- Do not drop the thermometer or expose it to severe shock.
- Do not bite the thermometer.
- Do not attempt to disassemble the thermometer.
- Keep out of reach of children. Small parts may be a choking hazard.
- Consult a physician for any health concerns. Temperature readings are for reference only.
- The thermometer is water-resistant, not waterproof. Do not immerse in water for extended periods.

3. PRODUCT COMPONENTS

Your A&D Medical DT-103 Digital Thermometer package includes:

- DT-103 Digital Thermometer
- Protective Carrying Case
- Pre-installed Battery
- Instruction Guide (Bilingual: English and Spanish)

4. SETUP

4.1 Battery Installation

The DT-103 thermometer comes with a pre-installed battery. No initial battery installation is required for first use.

4.2 Powering On

Press the power button (usually located near the display) to turn on the thermometer. A short beep will sound, and the display will show all segments briefly, followed by the last measured temperature, and then "Lo" with a flashing °F or °C, indicating it's ready for measurement.

5. OPERATING INSTRUCTIONS

5.1 Selecting Measurement Unit (°F/°C)

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

1. Ensure the thermometer is off.
2. Press and hold the power button for approximately 3 seconds until the unit changes.
3. Release the button. The selected unit will be saved for future use.

5.2 Taking a Temperature Measurement

The DT-103 can be used for oral, underarm (axillary), or rectal temperature measurements.

Oral Measurement (Recommended for adults and older children)

1. Place the thermometer tip under the tongue, as close to the heat pocket as possible.
2. Close your mouth and hold the thermometer in place with your lips and fingers.
3. Wait for the thermometer to beep (approximately 60 seconds) to indicate the measurement is complete.
4. Read the temperature displayed.

Underarm (Axillary) Measurement (Less accurate, but suitable for infants and young children)

1. Ensure the underarm is dry.
2. Place the thermometer tip in the armpit so it touches the skin directly.
3. Hold the arm firmly against the body to keep the thermometer in place.
4. Wait for the thermometer to beep (approximately 60 seconds).
5. Read the temperature displayed. Note that axillary temperatures are typically 0.5°F to 1.0°F (0.3°C to 0.6°C) lower than oral temperatures.

Rectal Measurement (Most accurate for infants and young children)

1. Apply a water-soluble lubricant to the thermometer tip.
2. Gently insert the tip no more than 0.5 inches (1.3 cm) into the rectum. Do not force.

3. Hold the thermometer in place.
4. Wait for the thermometer to beep (approximately 60 seconds).
5. Read the temperature displayed. Rectal temperatures are typically 0.5°F to 1.0°F (0.3°C to 0.6°C) higher than oral temperatures.



Image 2: The A&D Medical DT-103 Digital Thermometer ready for use in a home setting.

5.3 Last Measurement Recall

When the thermometer is turned on, it will briefly display the last measured temperature before showing "Lo" and becoming ready for a new measurement.

5.4 Automatic Shut-Off

The thermometer will automatically shut off after approximately 10 minutes of inactivity to conserve battery life.

6. MAINTENANCE

6.1 Cleaning and Disinfection

After each use, especially for rectal or oral measurements, clean the thermometer probe. Wipe the probe with

a soft cloth moistened with isopropyl alcohol (70% concentration) or wash with cold soapy water. Rinse thoroughly with cold water and dry with a clean cloth. Do not immerse the entire thermometer in water.

Caution:

- Do not use abrasive cleaning agents or thinners.
- Do not boil the thermometer or clean it in a dishwasher.

6.2 Storage

Store the thermometer in its protective carrying case at room temperature, away from direct sunlight, dust, and humidity. Keep it out of reach of children.

6.3 Battery Replacement

When the battery symbol appears on the display, the battery needs to be replaced. The DT-103 uses a LR41 or SR41 type battery.

1. Carefully remove the battery cover.
2. Use a non-metallic pointed object to remove the old battery.
3. Insert a new LR41 or SR41 battery with the positive (+) side facing up.
4. Replace the battery cover securely.

Note:

- Dispose of old batteries according to local regulations.
- Keep batteries out of reach of children.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
"Lo" displayed after power on (and not ready for measurement)	Ambient temperature is below 89.6°F (32.0°C).	This is normal. The thermometer is ready for use.
"Err" displayed	Measurement error or thermometer malfunction.	Ensure proper placement. If error persists, contact customer support.
No display when powered on	Battery is dead or incorrectly installed.	Replace the battery (refer to Section 6.3). Ensure correct polarity.
Inaccurate readings	Improper measurement technique or external factors.	Review Section 5.2 for correct measurement methods. Avoid taking temperature immediately after eating, drinking, or exercising.

8. SPECIFICATIONS

Feature	Detail
Model Number	DT-103

Feature	Detail
Measurement Range	89.6°F to 109.2°F (32.0°C to 42.9°C)
Accuracy	±0.2°F (±0.1°C) between 96.4°F - 106.0°F (35.8°C - 41.0°C)
Reading Time	Approximately 60 seconds
Display	Digital LCD
Battery Type	1.5V button cell (LR41 or SR41)
Automatic Shut-Off	Approximately 10 minutes
Dimensions	5 x 0.7 x 0.3 inches (12.7 x 1.8 x 0.8 cm)
Weight	0.64 ounces (18 grams)
Special Features	Alarm (beep), Fast Reading System, Water-resistant

9. WARRANTY AND SUPPORT

9.1 Warranty Information

The A&D Medical DT-103 Digital Thermometer is backed by an extended 2-year warranty from the date of purchase. This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from misuse, accidents, or unauthorized alterations. Please retain your proof of purchase for warranty claims.

9.2 Customer Support

For technical assistance, warranty service, or questions regarding your A&D Medical DT-103 Digital Thermometer, please refer to the contact information provided in your product's instruction guide or visit the official A&D Medical website. You can also visit the [A&D Medical Store on Amazon](#) for more information and support resources.

10. OFFICIAL PRODUCT VIDEOS

No official product videos from the seller were found to be relevant for embedding in this manual.