

Specifications

Feature performance / data:	Measurement time 6-8 seconds
Measurement location:	Temple area of the forehead
Measurement range:	95°F to 107.6°F (35°C to 42°C)
Operation environment:	60.8°F to 104°F (16° C to 40° C) Humidity: 15-95% (non condensing)
Storage environment:	-4°F to 122°F (-20° C to 50° C) Humidity: 15-95% (non condensing)
Measurement readout:	Celsius or Fahrenheit
Accuracy:	Complies with ASTM E 1112-00 standard requirements
Display:	TN LCD 0.63" X 0.44" (16 mm X 11 mm)
Battery:	2 AAA 1.5V batteries
Battery life:	Minimum 1000 full duty cycles over 24 month period
Weight:	1.3 oz (37 gr) including batteries
Dimensions:	4.7" x 1.17" x 1" (12 cm x 3.0 cm x 2.4 cm)
Memory:	Last-reading display when turned on
Auto shut off:	After 60 seconds
Case material:	Medical grade ABS plastic
Probe material:	Medical grade stainless steel, medical grade ABS plastic
Warranty:	2 year

Standards:
Complies with EN 12470-3 and ASTM E 1112-00

LIMITED WARRANTY

ADC warrants its products against defects in materials and workmanship under normal household use and service as follows:

1. Warranty service extends to the original retail purchaser only and commences with the date of delivery.
2. Your Adtemp TempleTouch Thermometer is warranted for two years from date of purchase.

What Is Covered: Replacement of parts, and labor.

What Is Not Covered: Transportation charges to ADC. Damages caused by abuse, misuse, accident, or negligence. Incidental, special, or consequential damages. Some states do not allow the exclusion or limitation of incidental, special, or consequential damages, so this limitation may not apply to you.

To Obtain Warranty Service: Send item(s) postage paid to ADC, Attn: Repair Dept., 55 Commerce Dr., Hauppauge, NY 11788. Please include your name and address, phone no., proof of purchase, and a brief note explaining the problem.

Implied Warranty: Any implied warranty shall be limited in duration to the terms of this warranty and in no case beyond the original selling price (except where prohibited by law). This warranty gives you specific legal rights and you may have other rights which vary from state to state.

For Australian Consumers: Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonable foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

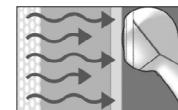
Adtemp™ 427 Temple Touch™ Thermometer



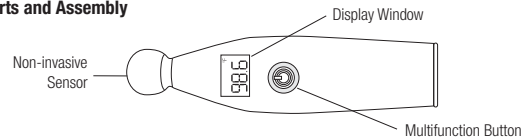
Instructions for Use



Thank you for choosing an ADC® Adtemp™ Temple Touch thermometer. Your new thermometer is designed to provide accurate body temperature measurements using a unique probe, which measures the heat flow from the blood vessels to the skin and converts it to body temperature in approximately 6-8 seconds.



Parts and Assembly



Symbol Definitions

The following symbols are associated with your thermometer.

Symbol	Definition
	Important warning/caution
	Not made with natural rubber latex
	Phthalate free
	Keep dry
	Operating instructions
	Manufacturer's information
	Authorized European representatives information
	Dispose in accordance with local applicable regulations

Symbol	Definition
	Meets essential requirements of European Medical Device Directive 93/42/EEC
	Lot number
	Multifunction button
	Auto detection error
	Temperature is higher than measuring range
	Temperature is lower than measuring range
	Memory indication
	Low battery indication



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To register your product visit us at
www.adctoday.com/register

This manual is available online in a variety of languages, follow the links for language options.
www.adctoday.com/care



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General Warnings:

- High, prolonged fever requires medical attention, especially for young children. Please contact your physician.
- Keep out of reach of unsupervised children. Components may be harmful if swallowed.
- Read the enclosed instructions carefully to ensure accurate temperature readings. Temperature readings are affected by many factors including exercise, drinking hot or cold beverages prior to taking a reading as well as technique.
- **WARNING:** It is recommended to remove the batteries from the thermometer when it is not used for a long period. Do not dispose of batteries in fire, recharge, put in backwards, disassemble, mix with used or other battery types – they may explode or leak and cause injury. Waste batteries should be deposited in a batteries recycling trash only.
- **CAUTION:** Do not drop the thermometer or expose to heavy shock.
- **CAUTION:** Do not immerse thermometer in water or any other liquid.
- **CAUTION:** Do not store the unit in direct sunlight, at a high temperature, in high humidity or dust.
- **CAUTION:** Stop using the thermometer if it operates erratically or if display malfunctions.
- **CAUTION:** Clean the thermometer probe before storing.
- **CAUTION:** Do not attempt to disassemble the unit except to replace the batteries.
- **CAUTION:** Do not autoclave. Please note the cleaning procedures described in this manual.

How to Use:

Use this thermometer on a clean, dry forehead. Wipe away any perspiration and move any hair away from the temporal area.

1. Press and release the multifunction button. The display will flash and you'll hear a single audible beep (Figure 1). The previous result will display for 2 seconds (Figure 2) then disappear.
2. Place the thermometer's probe in the center of the temple area between the end of the eyebrow and the hairline. Hold the unit gently but firmly against the temple to ensure good contact with the skin. (Figure 3). Correct placement and good contact ensure reliable readings.
3. Once the thermometer is in place, the measurement will start automatically. A running circle will appear indicating that the measurement is progressing successfully (Figure 4). Make sure that the thermometer and the patient do not move while measurement is in progress.
4. A temperature reading will be displayed within 6-8 seconds. You'll hear one long beep when the measurement is complete. The reading will remain displayed for about 1 minute. The unit will turn off automatically in about one minute. To prolong battery life, press the multifunction button to turn off manually.

NOTE: You must wait one minute before taking another reading. If you try to begin another reading before this time has elapsed (by manually turning the device off and on), the unit will display a 10-second countdown while it resets. If you attempt to measure during the countdown, the device will display the previous result, beep 8 times and turn itself off automatically.

Ensuring Accurate Temperature Measurement:

1. Measurement body location is the temple, in proximity to the temporal artery, between the end of the eyebrow and hairline.
2. Do not place the thermometer on scarred tissue compromised by skin disorder, open sores or abrasions, or patients in trauma.
3. Temperature readings are affected by many factors including exercise and drinking hot or cold beverages prior to taking a reading.
4. Consult your physician when using drug therapies that may raise the local skin temperature in the forehead; this may lead to an incorrect reading.
5. Do not place the thermometer on skin exposed to direct sunlight, fireplace heat, air conditioner flow, or cold/warm compress therapies.
6. **Wait at least one minute between consecutive measurements for the unit to readjust to room temperature.**
7. If the thermometer has been stored at a cold temperature, allow the unit to warm naturally to room temperature before using.
8. Performance may be degraded if operated or stored outside stated temperature/humidity ranges.



Figure 1



Figure 2



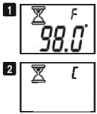
Figure 3



Figure 4

Switching Temperature Modes:

- The default temperature scale is Fahrenheit (°F). To change the scale to °C, or back to °F:
1. While off, press and hold the multifunction button for about five seconds. The hourglass icon will display, then the °F or °C will change.
 2. Release the button.



Battery Replacement:

With the device off, remove the battery cover by sliding it out of its housing. Place the batteries in the chamber, making sure polarity is correct (see engraving on the bottom of battery compartment). Slide the battery cover back into place.

Troubleshooting:

The thermometer has been designed to display feedback warnings to ensure proper usage and accurate temperature measurement. When an error appears, the device will beep 5 times and then turn off automatically. In the event of a malfunction or incorrect temperature measurement, the following warnings will be displayed:

HI: If the measured temperature is above 107.6°F (42°C) the device will beep and display HI.

Remedy: Turn the unit off, wait 1 minute, and then turn on again. Retake temperature using proper technique. If still reads HI, this indicates that the patient has a high fever. Seek immediate medical attention. NOTE: This is not a device malfunction.



LO: If the measured temperature is below 95°F (35°C) the device will beep and display LO.

Remedy: Turn the unit off, wait 1 minute, and then turn on again. Retake temperature using proper technique. If still reads LO, this indicates that the patient has a low body temperature. NOTE: This is not a device malfunction.



Er.1: If the thermometer is too cold or too hot to operate, the device will beep 5 times and display Er.1.

Remedy: Verify room temperature is within product range 60.8°F-104°F (16° C - 40° C). Wait 1 minute and then retake temperature using proper technique.



Er.2: If the temperature did not register because of poor contact, patient movement, or poor placement, the device will beep 5 times and display Er.2.

Remedy: Turn the unit off, wait 1 minute, then turn it on again. Retake temperature using proper technique.



Er.3: If the unit malfunctioned, the device will beep 5 times and display Er.3.

Remedy: Do not use the thermometer. Call 1-800-232-2670 for service.



Low Battery: Battery icon is on continuously.

Remedy: The battery has enough remaining life for approximately 10 more measurements. Replace battery soon.



Drained Battery: Battery icon appears as unit is turned on and the device turns itself off.

Remedy: Replace battery.



Cleaning and Disinfecting:

- Wipe the tip and probe with a cotton swab moistened with 70% isopropyl alcohol before and after each use. After cleaning, wait at least 2 minutes before taking a measurement for the unit to re-adjust to room temperature.
- Use only a soft dry cloth to clean the body of the thermometer (if necessary). Never use an abrasive cleanser or submerge the thermometer in water or other liquids.