

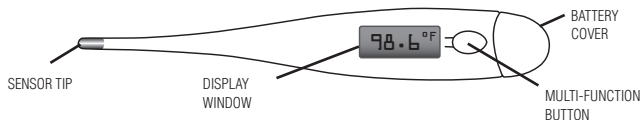
# Adtemp™ 423 Digital Thermometer



Use, Care and Maintenance

**ADC**<sup>®</sup>  
AMERICAN DIAGNOSTIC CORPORATION

Congratulations on your purchase of the ADTEMP™ Digital Fever Thermometer. Please read the instructions carefully to ensure accurate temperatures and safe operation. When used properly, this high quality product will give you years of accurate, dependable service.



### SAFETY INFORMATION:

- High, prolonged fever requires medical attention especially for young children. Please contact your physician.
- Do not allow children to take their temperatures unattended.
- 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.
- Do not allow children to walk or run during temperature taking. The rigid probe could present a hazard.
- Oral, underarm, and rectal temperatures vary by approximately 1°F (0.5°C).

### SPECIAL PRODUCT FEATURES:

- Reads temperature in Fahrenheit or Celsius.
- Oral, Rectal or Underarm use.
- Beeps when reaches peak temperature.
- Auto-Off in approximately 10 minutes.
- Water resistant for easy cleaning.
- Long Life, Replaceable, battery (approximately 1500 temperatures).
- Low Battery Indicator "▽".

### HOW TO CARE FOR THIS PRODUCT:

- Use of probe covers is recommended to help avoid spreading germs, and to keep the thermometer clean. The thermometer should be cleaned after use even when probe covers are used.
- Clean the thermometer tip and probe only using isopropyl alcohol or soap and water.
- Store the unit in the protective case while not in use.
- Do not store or keep in direct sunlight, or in high temperatures.
- Keep battery away from children.
- Do not open the thermometer except to replace the battery.
- Do not drop the thermometer, as this may ruin the unit.
- The manufacturer recommends verifying the accuracy by an authorized laboratory every two years.

### WHAT IS A "NORMAL" TEMPERATURE?:

Temperature readings vary in different individuals. A normal temperature refers to each individual's average temperature while they are well. Normal average temperatures range from 97°F/36.1°C to 100°F/37.7°C when taken orally. From an oral temperature, you may calculate a rectal equivalent temperature by adding 1°F/0.5°C while an underarm temperature requires subtracting 1°F/0.5°C. For example, if your oral temperature is 98.6°F/ 37°C this is the same as a rectal temperature of 99.6°F/37.5°C or an underarm temperature of 97.6°F/36.5°C.

## HOW TO TAKE TEMPERATURE:

1. Place a probe cover carefully over the tip. Select oral, underarm or rectal as your measurement site based on the individual requiring a temperature measurement (Figure 1).

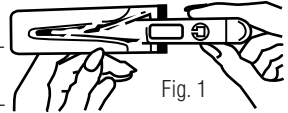


Fig. 1

2. Push the Multi-Function button located beside the display window. The thermometer will beep and the display will read: "188.8 °F". This is a function check indicating the unit is working properly. The last measured temperature will be displayed for approximately 2 seconds. Next the thermometer will read L°F.(or L°C)

3. The °F or °C symbol will flash when the unit is ready to measure temperature. Please note that the "▽" indicates a low battery. See instructions for replacing battery before measuring temperature. Do not expect an accurate temperature reading if this low battery indicator is present. An "ERR" message in the window indicates your unit is not functioning properly.

**ORAL USE:** (for children 4 years and older)

- Do not drink hot or cold fluids, exercise or perform other activities that will raise or lower temperature readings when compared to your normal, average temperature. The mouth should remain closed up to 5 minutes before attempting a reading.
- Place the probe tip well under the tongue as indicated by the "✓", (Figure 2). Instruct children not to bite down on the probe.
- The peak temperature should be reached in approximately 60 seconds. Opening the mouth or improper placement of the probe tip could result in a longer time for a reading.



Figure 2

**RECTAL USE:**

- Commonly used for babies, young children or when it is difficult to take an oral or underarm temperature.
- After placing the probe cover on the thermometer, lubricate with a water-soluble jelly or petroleum jelly.
- Gently insert the probe tip no more than 1/2 inch or 1.3 cm into the rectum. Do not force the tip into the rectum if resistance is encountered.
- Dispose of the used probe cover and wash the thermometer as recommended.
- The peak temperature should be reached in approximately 40 seconds.

**UNDERARM (AXILLARY) USE:**

- Wipe underarm with a dry towel.
- Place probe tip in armpit and bring arm down against the body. (Figure 3).
- The probe should be pointing upward in the same direction as your body if possible.
- The time required for an accurate underarm temperature may be 90 seconds or longer depending on placement of the probe and closure of the arm against the body.

4. When peak temperature is reached, the °F or C° symbol will stop flashing, and the thermometer will beep repeatedly. Please note: It is not necessary to hear the beep to ensure the peak temperature has been reached. When the °F or C° symbol stops flashing and the display reads a consistent temperature, the peak temperature has been reached.

5. Read and record the temperature and time for reference. The reading will automatically be stored in the memory.

6. Push the Multi-Function button to turn the unit off. This will prolong the battery life. If you

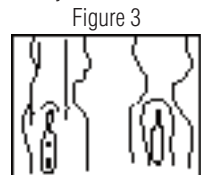


Figure 3

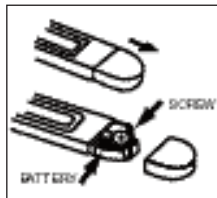
do not turn the unit off, it will shut off automatically in approximately 10 minutes.

### OPERATION OF THE °F - °C FEATURE (Changing the measuring scale)

From the "OFF" position, hold down the Multi-Function button for 5-sec. The thermometer will automatically change from °F - °C or °C - °F. Release the button. You may toggle between °C and °F. After 3-sec. in one scale the °C or °F will flash, indicating ready to measure.

### CHANGING THE BATTERY:

When the "▽" appears in the lower right of the display, the battery is exhausted and needs replacing. Make sure a battery of the same type is on hand and proceed as follows: Remove battery compartment lid. Use a small Phillips screwdriver to remove battery. Insert new equivalent battery type (1.55v, LR41 or SR41). Ensure battery is correctly positioned with the "+" facing up or towards the back of the unit. Carefully replace the battery compartment lid. Properly dispose of the batteries, keeping them from small children and heat.



**WARNING: KEEP BATTERY OUT OF CHILD'S REACH. SWALLOWING BATTERY COULD BE HARMFUL.**

### BATTERY SHOULD NOT BE CHARGED OR PLACED INTO EXTREME HEAT AS IT MAY EXPLODE.

Measurement Range: 90.0°F to 109.9°F / 32.0°C to 43.9°C

Measurement Accuracy: 0.2°F / 0.1°C between 96.0°F to 107.0°F / 34.0°C to 42.0°C at a room temperature of 64.4°F to 82.4°F / 18°C to 28°C.

(The manufacturer recommends a calibration check every 2-years)

### WARRANTY

This Thermometer is guaranteed for a period of 24 months from date of purchase. This warranty does not cover batteries, or damage resulting from improper handling or use. Specific legal rights stipulated in your state may guide this warranty. If you have a legitimate claim under this warranty, please return the product to the address below. Be sure to include a note describing the problem, your return address and \$2.00 to cover shipping and handling.



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