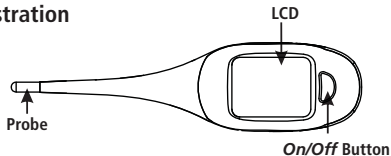


# Accuflex<sup>®</sup> 5 VU

Thermometer / Thermomètre

**Product Illustration**  
Figure 1



**DIGITAL THERMOMETER  
OWNER'S MANUAL**

**WARNING! In case of high fever, seek immediate medical attention.**

**Safety Precautions**

- Choking Hazard: Thermometer cap and battery may be fatal if swallowed. Do not allow children to use this device without parental supervision. This device may be used for professional purposes or for personal home use, and only as described in this instruction manual.
- Children who are 2 years old or younger should not use this device orally.
- Do not walk, run or talk while using the thermometer. Do not bite the probe.
- This device must only be used in an ambient temperature range of between 5°C and 40 °C and 15%~95% relative humidity. Store it in its protective case at room temperature, avoiding extreme heat or cold (>50°C or <-20°C), direct sunlight, dust and humidity.

- Do not drop the thermometer or subject it to electric or impact shocks.
- The use of probe covers may alter results by 0.1°C (0.2°F) and cause measuring time to be longer.
- Remove battery from the device when not in operation for a long time.
- Frequencies from portable and mobile RF communications can affect the thermometer's functioning.
- Stop using the thermometer if it operates erratically or if display malfunctions. Do not attempt to disassemble the unit, except to replace the battery. Should a problem occur with your device, please contact AMG Medical Inc at 1-800-363-2381.

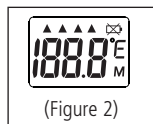
**Cleaning & disinfection instructions**

Before and after each use, clean the probe tip with a soft cloth and 70% ethanol or isopropyl alcohol diluted with water, or wash with COLD soapy water. After cleaning, wait at least one minute before taking a measurement for the unit to readjust to room temperature. Use only a soft dry cloth to clean the body of the thermometer (if necessary).

Never boil, use gas, or steam to sterilize, or do ultrasonic washing to clean the thermometer. Do not immerse in alcohol. The use of any other solution or cleaning method beyond the above mentioned may damage the thermometer and void its warranty.

**How to switch between °F and °C**

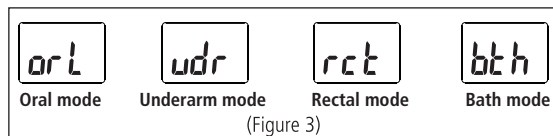
1. Turn on the thermometer. Immediately after the following screen disappears (Figure 2), press and hold the On/Off button for 2 seconds.
2. Release the button and press once to switch from °F to °C or vice versa.



**How to take a temperature**

**Note:** 15 minutes prior to use, avoid eating or drinking, exercising, taking a shower or a bath, or smoking. If the thermometer has been stored at a very low or very high temperature, allow the unit to adjust naturally to room temperature before using. Wait at least one minute between consecutive measurements for the unit to readjust to room temperature.

1. Clean and disinfect the thermometer according to the instructions provided.
2. Decide whether the measurement will be oral, rectal, underarm.
3. Press the ON/OFF button (the unit will beep) for 5 seconds until the default reading method appear. Then push once again to change the method until you get the desired one. (orl = oral, udr = underarm, rct = rectal, bth = bath) (Figure 3). Once chosen, wait until the thermometer shuts off.



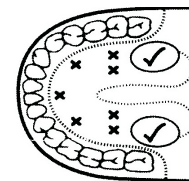
4. Press the ON/OFF button (the unit will beep) to turn the power on. After 1 second, the LCD display will show all parts of the display to make sure they are functioning properly.
5. The display will show last measurement.
6. The display will show either orl (oral), udr (underarm), rct (rectal) or bth (bath), as selected in step 3.
7. The display will show 3 dashes and the scale icon (except in bath mode), indicating that the thermometer is ready. In bath mode, the display will show Lo and the scale icon flashing, indicating that the thermometer ready.

**Important note about real-time mode:** While taking a reading, the screen will display 3 dashes flashing, indicating that the thermometer is predicting the temperature to provide results in 5 seconds. However, if the thermometer senses improper placement of the probe or movement, it will switch to real-time mode. The screen will display increasing numbers instead of the dashes, and it may take longer than 5 seconds to get results. If this is the case, we recommend that you take another measurement to ensure maximum accuracy.

**Taking an oral temperature**

**Important:** Drinking, exercising, smoking or performing other activities may raise or lower your temperature. Relax for approximately 5 minutes with your mouth closed prior to taking a reading. Measurement time may vary based on the result.

1. Using the diagram on the right (Figure 4), place the probe tip under the tongue as near as possible to a heat pocket. Make sure the mouth remain closed during the measurement for the reading to be as accurate as possible.



2. When the peak temperature has been reached, an arrow will be pointing on the feverline™ fever indicator and the unit will emit a sound.

**Green + long beeps** = reading is between 35.8°C and 37.2°C (96.4°F - 98.8°F)

**Yellow + long beeps** = 37.3°C and 37.7°C (98.9°F - 99.9°F)

**Red + short beeps** = 37.8°C (100°F) and higher

3. To take another measurement, turn off the thermometer and wait one minute between consecutive measurements. To turn the unit off, press the ON/OFF button. However, the unit will automatically shut off after approximately 10 minutes if it is not in use.

**Taking an underarm temperature**

**Note:** Measurement time may vary based on measured temperature.

1. Wipe the underarm with a dry towel.
2. Place the probe tip under the arm so the tip is touching the skin, with the thermometer perpendicular to the body.
3. Position the arm across the chest so the probe tip is well covered by the arm and will not be affected by the room's air.
4. When the peak temperature has been reached, an arrow will be pointing on the feverline™ fever indicator and the unit will emit a sound.

**Green + long beeps** = reading is between 35.8°C and 37.2°C (96.4°F - 98.8°F)

**Yellow + long beeps** = 37.3°C and 37.7°C (98.9°F - 99.9°F)

**Red + short beeps** = 37.8°C (100°F) and higher

6. If you want to take another measurement, turn off the thermometer and wait one minute between consecutive measurements.
7. To turn the unit off, press the ON/OFF button. However, the unit will automatically shut off after approximately 10 minutes if it is not in use.



The performance of the device may be degraded should one or more of the following occur:  
 - Operation outside the manufacturer's stated temperature and humidity range.  
 - Storage outside the manufacturer's stated temperature and humidity range.  
 - Mechanical shock (for example, drop test)  
 - Patient temperature is below ambient temperature



Disposal of this product and used batteries should be carried out in accordance with the national regulations for the disposal of electronic products.

## Taking a rectal temperature

**Note:** Rectal temperatures are an appropriate and reliable method for infants and small children. Otherwise, this method should only be used when it is impossible or impractical to take an oral or axillary temperature. Measurement time may vary based on measured temperature.

1. Apply a water-soluble lubricant to the tip.
2. Gently insert the probe to a MAXIMUM of 1.25 cm (1/2") into the rectum.
3. When the peak temperature has been reached, an arrow will be pointing on the feverline™ fever indicator and the unit will emit a sound.

**Green + long beeps** = reading is between 35.8°C and 37.2°C (96.4°F - 98.8°F)

**Yellow + long beeps** = 37.3°C and 37.7°C (99.1°F - 99.9°F)

**Red + short beeps** = 37.8°C (100°F) and higher




4. If you want to take another measurement, turn off the thermometer and wait one minute between consecutive measurements.
5. To turn the unit off, press the ON/OFF button. However, the unit will automatically shut off after approximately 10 minutes if it is not in use.

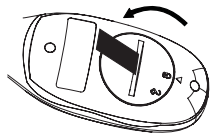
## Taking a bath temperature

**Note:** Measurement time may vary based on measured temperature.

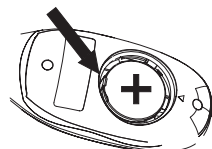
1. Place the probe tip into the bath water until the thermometer beeps and indicate peak temperature.
2. An ideal bath temperature for a baby would be around 38°C, so just a little bit over the body temperature.
3. If you want to take another measurement, turn off the thermometer and wait one minute between consecutive measurements. To turn the unit off, press the ON/OFF button. However, the unit will automatically shut off after approximately 10 minutes if it is not in use.

## Battery replacement

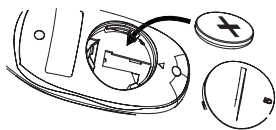
1. Replace battery when  appears in the upper right corner of LCD display.
2. Turn the battery cover anti-clockwise until the cover is off. (Figure 5)
3. Use a non-metal instrument such as a pen to remove old battery from the battery holder (Figure 6). Discard battery according to local law.
4. Place a new 3.0V DC button battery type CR2032 into the chamber with positive side facing up. (Figure 7)
5. Turn the cover clockwise until the  is facing towards  (Figure 8)



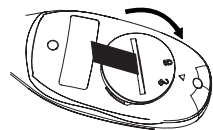
(Figure 5)



(Figure 6)



(Figure 7)



(Figure 8)





## Troubleshooting

Error message	Problem	Solution
Lo	Temperature is less than 32.0°C or 90°F	Temperature is out of range. Redo test and make sure temperature is in the range
Hi	Temperature higher than 42.9°C or 109.9°F	Temperature is out of range. Redo test and make sure temperature is in the range
Er 1	The thermometer is moved when measuring	Redo the test. Do not move when measuring.
Er 2	The time of predictive measurement is excess 10 seconds.	The Ambient temperature may be too low, please measure at higher temperature.  Person may just drink a cold beverage; please repeat measurement in 15 minutes.  The probe tip may not have cooled down, please wait 30 seconds between each measurement.  The thermometer is moved when measuring. Do not move, and then redo the test.
Other Err message	The thermometer is not functioning properly.	Unload the battery, wait for 1 minute and repower it. If the message reappears, contact AMG Medical customer service.

## Specifications

Type:	Digital Thermometer (Predictive)
Measure Range:	32.0°C - 42.9°C (90.0°F - 109.2°F)
Accuracy:	±0.1°C (0.2°F) between 35.5°C~42.0°C (95.9°F~ 107.6°F) at 18°C~28°C(64.4°F~82.4°F) ambient operating range  ±0.2°C (0.4°F) for other measuring and ambient operating range
Operating mode	Predictive mode: oral, rectal, underarm  Direct mode (real temperature): bath
Display:	Liquid crystal display, 3 1/2 digits
Memory:	For storing the last measured value
Battery:	One 3.0 V DC. button battery (size CR2032)
Battery life:	Approximately 200 hours
Dimensions:	13.5 cm×3.4 cm×1.7 cm (L×W×H)
Weight:	Approx. 25 grams including battery
Ambient operating range:	Temperature: 5°C~40°C (41°F~104°F)  Relative humidity: 15% ~ 95%RH
Storage and transportation condition:	Temperature: -20°C ~ 55°C(-4°F~131°F)  Relative humidity: 15% ~ 95% RH
Ingress Protection Rating:	IP27
Classification:	Classification: Type BF

## Symbol explanation

	Direct Current		Batch Code
	Type BF Applied Part		Consult Accompanying Documents

## Lifetime warranty

The thermometer is guaranteed for life. If the thermometer does not function properly due to defective components or poor workmanship, we will repair or replace it free of charge. All components are covered by this warranty excluding the battery. The warranty does not cover damages to your thermometer due to improper handling. To obtain warranty service, an original or copy of the sales receipt from the original retailer is required.

## This appliance conforms to the following standards:

- EN 12470-3 Clinical thermometers — Part 3: Performance of compact electrical thermometers (non-predictive and predictive) with maximum device,
- ISO 80601-2-56 Medical electrical equipment — Part 2-56: Particular requirements for basic safety and essential performance of clinical thermometers for body temperature measurement,
- EN 60601-1-11 Medical electrical equipment — Part 1-11: General requirements for basic safety and essential performance – Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment and complies with the requirements of EN 60601-1-2(EMC), IEC/EN 60601-1 (Safety) standards.
- The manufacturer is ISO 13485 certified.