

# DIGITAL THERMOMETER

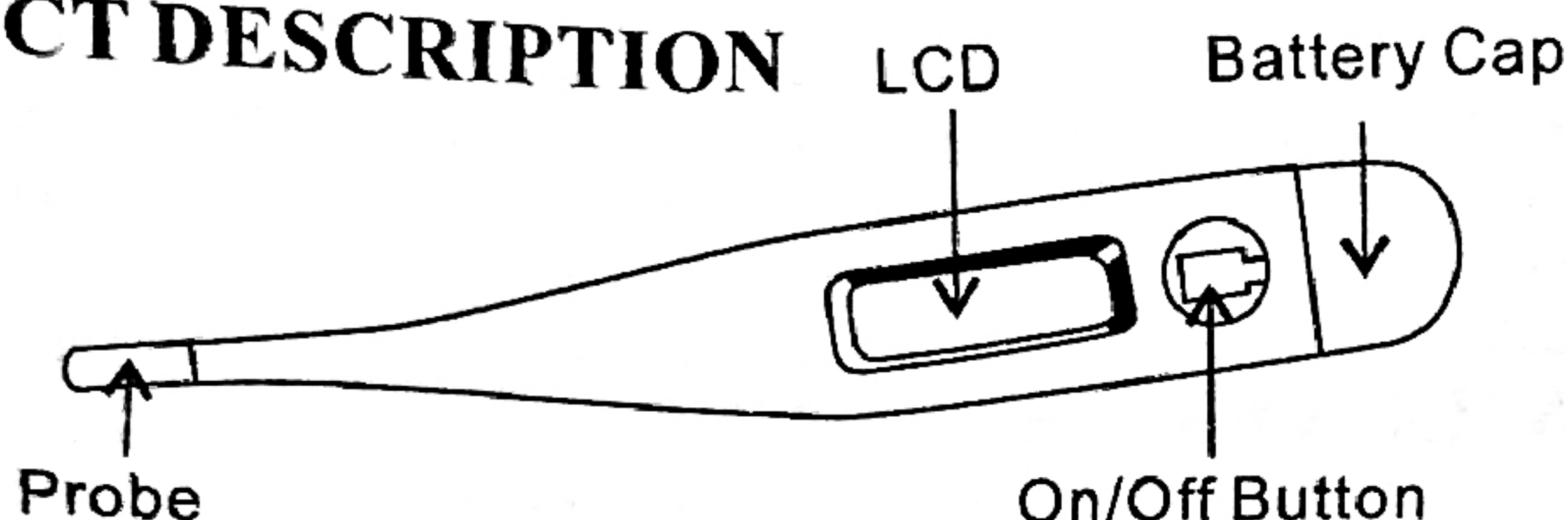
## OPERATING INSTRUCTIONS

CE 0197

### PLEASE READ CAREFULLY BEFORE USING

The Digital Thermometer provides quick, highly accurate reading of your temperature. Please read the instructions thoroughly. They are edited to acquaint you with features of your new thermometer so that you can enjoy its functions and years of dependable performance. If the thermometer is used by a child, the supervision of the adults is compulsory. This thermometer is manufactured according to the system of EN12470-2:2000 ASTM and complies with the requirements of IEC 60601-1:1998+A1+A2, IEC 60601-1-1-2:2001.

### PRODUCT DESCRIPTION



### SPECIFICATIONS

Range	32°C - 42.9°C (90.0°F-109.9°F)(°C/ °F chosen by manufacturer)
Accuracy:	±0.1°C , 35.5°C - 42.0°C (±0.2°F , 95.9°F -107.6°F) ±0.2° under 35.5°C or over 42.0°C ±0.4°F under 95.9°F or over 107.6°F At Standard room temperature of 25°C ( 77.0°F)
Display	Liquid crystal display, 3 1/2 digits
Memory	For storing the last measured value
Battery	One 1.55V DC button battery( size SR41,UCC 392 or LR41)
Power consumption	0.15 milliwatts in measurement mode
Battery life	Approx 200 hours
Dimension	12.3 x 1.7 x 0.9 cm (L x W x H)
Weight	Approx.10grams including battery
Using environment	Temperature :10°C -35°C ( 50°F -95°F ) Relative humidity;25%RH-80%RH
Storage and transportation condition	Temperature :-25°C-55°C (-13°F-131°F) Relative humidity;25%RH-80%RH
Alarm ( Beeper Mode )	Approx 10 seconds sound when peak temperature reached .

### HOW TO USE

1. Wipe or dip the probe with ethyl alcohol for disinfection.
2. Push the On/Off button. The LCD will show **1888<sup>°E</sup>** for 2 seconds and you will hear a beep simultaneously. Last tested temperature will be shown for about 2 seconds. Then LCD show the self-test temperature of 37°C (98.6°F).After than **Lo°C(Lo°F)** sign shows.
3. Position the probe in mouth, rectum, armpit etc.
4. Once the temperature-taking is finished, the degree sign of °C(°F)on the LCD will stop flashing, and you will hear buzzes for approx.10 seconds. The tested temperature is shown on LCD.  
▲ When the °C(°F) stop flashing, if the probe is still in mouth, rectum ,armpit , the temperature is possible rise too, so after hear the buzzes, you'd better take out it 1-2 minutes later  
During after the test, if the test temperature is <32°C or 90.0°F ,the LCD shows **Lo°C(Lo°F)**;If the tested temperature is extra high, the LCD shows **Hi °C (or Hi °F)**.Consult doctor at once.  
After temperature-taking ,if the tested temperature is <37.8°C or 100.0°F ,the buzzes are "Bi--Bi--BI--Bi-;if the tested temperature is >=37.8°C or 100.0°F ,the buzzes whose frequency are much higher are Bi-Bi-Bi----- Bi-Bi-Bi----- Bi-Bi-Bi.
5. The thermometer will automatically turn off in about 10 minutes for energy-saving. However, to prolong the battery life, it is suggested to press On/Off button to turn the thermometer off once the test is finished.
6. Please dispose exhausted battery and thermometer according to the relevant law.



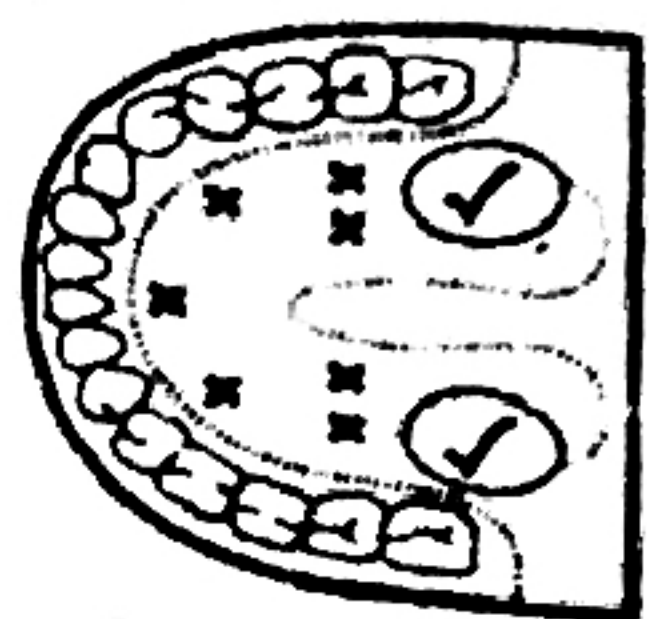


Note: In step 2, if the room temperature is higher than  $32^{\circ}\text{C}$  ( $90^{\circ}\text{F}$ ), LCD will display the room temperature instead of  $\text{Lo}^{\circ}\text{C}$  (or  $\text{Lo}^{\circ}\text{F}$ )

Note: Use of the probe cover may result in a  $0.1^{\circ}\text{C}$  ( $0.2^{\circ}\text{F}$ ) discrepancy from actual temperature/.

## ORAL USE

Put the probe into either position marked by “ $\sim$ ” as showed in the picture right-hand for about 1 minute. To insure the accuracy, please keep mouth close for 5 minutes before taking temperature. The normal temperature by this method is  $35.7\text{--}37.3^{\circ}\text{C}$  ( $96.3^{\circ}\text{F}\text{--}99.2^{\circ}\text{F}$ )



## RECTAL USE

Lubricate the probe with the petroleum jelly for easier insertion. Gently insert the probe about one centimeter (less than  $1/2$  inch.) Into THE Patient's rectum and keep the arm firmly against the body side for about 1.5 minutes, The normal temperature by this method is  $35.2^{\circ}\text{C}\text{--}36.7^{\circ}\text{C}$  ( $95.4^{\circ}\text{F}\text{--}98.1^{\circ}\text{F}$ )

## AXILLARY USE

From a medical viewpoint, this method will always provide inaccurate reading, Wipe armpit with a dry towel.

Place probe into the armpit and keep the arm firmly against the body side for about 1.5 minutes, The normal temperature by this method is  $35.2^{\circ}\text{C}\text{--}36.7^{\circ}\text{C}$  ( $95.4^{\circ}\text{F}\text{--}98.1^{\circ}\text{F}$ )



## CLEANING AND DISINFECTION

1. Clean thermometer by wiping it with a dry cloth and sterilize the probe with ethyl alcohol
2. Don't let thermometer contact any chemical thinner


Not completely waterproof. Do not soak the LCD in water, Only the probe is waterproof.

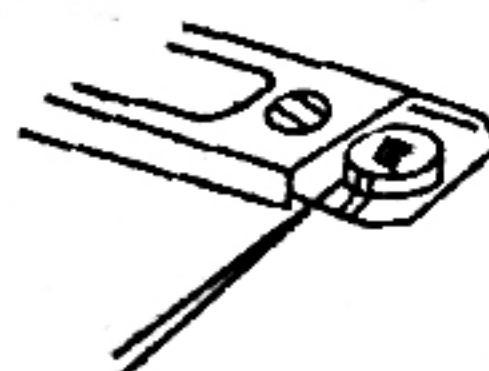
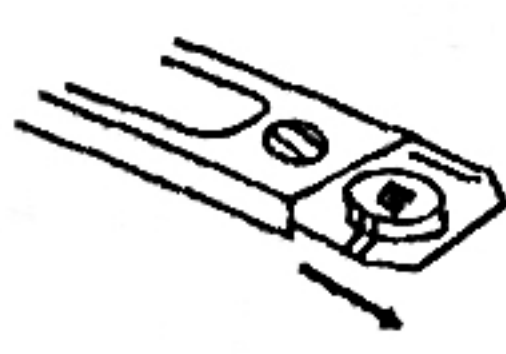
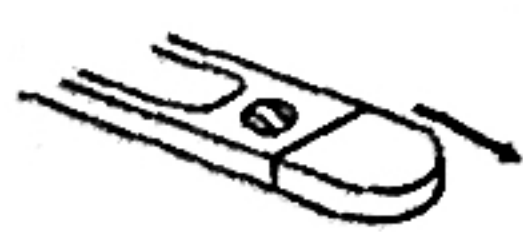
## PRECAUTION



- \* Do not drop thermometer, it is not shock proof
- \* Do not bend thermometer
- \* Do not boil the probe
- \* Do not store thermometer in direct sunlight
- \* Do not attempt to disassemble thermometer except replacing the battery
- \*  means direct volts d.c
- \*  means type B

## BATTERY REPLACEMENT

1. When the “” appears in the lower right corner of the LCD, the battery is exhausted and needs replacement.
2. Pull the battery cover off with hand in the direction shown below.
3. Gently pull out the circuit board with battery chamber approximately 1 cm
4. Use pointed object such as a pen to take out the exhausted battery.  
Discard exhausted battery out of the children.
5. Place a new 1.55v D.C. button size battery type Sr41, UCC392 or LR41 or equivalent in the chamber with positive
6. Cover the battery



## LIMITED WARRANTY

The thermometer is guaranteed for 90 days from the date of purchase, 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.