

**INSTRUCTION MANUAL**

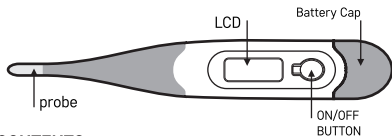
Thank you for purchasing the Diagnostic T-02 flexible thermometer. The device is designed to be used for measuring the body temperature of children and adults. Read the instruction manual carefully before using this device.

**WARNING**

- Read instructions thoroughly before using digital thermometer.
- Choking Hazard: Thermometer cap and battery could be swallowed. Do not allow children to use this device without parental supervision.
- Do not use thermometer in ear. Designed to be used for oral, rectal, and armpit (axilla) readings only.
- Do not place thermometer battery near extreme heat as it may explode.
- Note: Use of the probe cover may result in a 0.1°C (0.2°F) discrepancy from actual temperature.
- It is recommended, the performance of the digital thermometer should be checked every two years.
- Remove battery from the device when it will not be in operation for a long time.
- The use of temperature readings for self-diagnosis is dangerous. Consult your doctor for the interpretation of results. Self-diagnosis may lead to the worsening of existing conditions.
- Do not attempt measurements when the thermometer is wet as inaccurate readings may result.
- Do not bite the thermometer. Doing so may lead to breakage and/or injury.
- Do not attempt to disassemble or repair the thermometer. Doing so may result in inaccurate readings.
- After each use, disinfect the thermometer especially in case the device is used by more than one person.
- Do not force the thermometer into the rectum. Stop insertion and the measurement when pain is present. Failure to do so may lead to injury.
- Do not use thermometer orally after being used rectally.
- For children who are two years old or younger, please do not use the devices orally.

**PLEASE READ CAREFULLY BEFORE USING**

This digital thermometer provides a quick and highly accurate reading of an individual's body temperature. To better understand its functions and to provide years of dependable results, please read all instructions first.

**PRODUCT ILLUSTRATION****CONTENTS**

1 Thermometer, 1 Instruction Manual, 1 Storage Case

**PRECAUTION**

Efficiency of the device may be reduced if one or more of the following factors occur:

- Operation outside the manufacturer's stated temperature and humidity range.
- Storage outside the manufacturer's stated temperature and humidity range.
- Mechanical shock (e.g. dropping)
- Patient temperature is below ambient temperature.
- Portable and mobile RF communications can affect the device. The device needs special pre-cautions regarding EMC according to the EMC information provided in the accompanying documents.

**SPECIFICATION**

Typ	Digital thermometer
Range	32.0 - 42.9°C (90.0 - 109.9°F)
Accuracy	+0.1°C (0.2°F), 35.5 - 42.0°C (95.9 - 107.6°F) +0.2°C (0.4°F) - 35.5°C (95.9°F) and over 42.0°C (107.6°F) at ambient temp. of 18 - 28°C (64.4 - 82.4°F)
Display	LCD 3 1/2 digits
Memory	Storing the last measured value
Battery	One 1.5 V DC (LR41 or SR41, UCC 392)
Battery life	approx. 200 hours
Dimension	12.3 x 1.9 x 1.1 cm (L x W x H)
Weight	Approx. 10 g including battery
Operating environment	5 - 40°C (41.0 - 104.0°F), 15%~95% R.H.
Storage and Transportation	-20 ~ 55°C (-4.0 - 131.0°F), 15% ~ 95%, R.H.
Waterproof level	IP 27
Classification	Typ BF

**TEMPERATURE UNIT SELECTION: °F OR °C**

T-02 is capable of measuring temperature of Celsius or Fahrenheit (C or F). When the thermometer is on, press and hold on the ON/OFF button for about 4 seconds in order to change temperature unit.

**MEASURING**

1. Press the ON/OFF Button, a short beep signals the thermometer ON. A tone will sound as the screen shows Fig.1 followed by last recorded temperature. After showing the self-tested temperature, the thermometer is now ready for use. Symbol Lo and a flashing °C (Fig.2) indicates the testing mode.

Fig.1

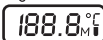
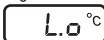


Fig.2



\*Note: If the measured temperature is less than 32°C (90°F) the LCD will show Lo, if the measured temperature is higher than 42.9°C (109.9°F), the LCD will display Hi.

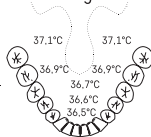
2. Position thermometer in desired location (mouth, rectum, or armpit.)

- a) Oral Use: Place the thermometer under tongue. Close your mouth and breathe evenly through the nose to prevent the measurement from being influenced by inhaled/exhaled air. Normal temperature between 35.7°C - 37.3 °C (96.3°F - 99.1°F)

- b) Rectal Use: Lubricate silver probe tip with petroleum jelly for easy insertion. Gently insert the sensor of thermometer approximately 1 cm (less than 1/2") into rectum. Normal temperature between 36.2°C - 37.7 °C (97.2°F - 99.9°F)


- c) Armpit Use: Wipe armpit with a dry towel. Place probe in the armpit and keep the arm pressed firmly at side. Normal temperature between 35.2°C - 36.7 °C (95.4°F - 98.1°F).

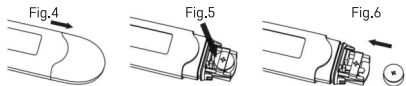
Fig.3



- The degree sign flashes throughout the testing process. When flashing stops an alarm will beep for approximately 10 seconds. The measured reading will appear on the LCD simultaneously. The minimum measurement time until the signaling tone (beep) must be maintained without exception. The measurement continues even after the buzzer notification. The displayed temperature will not change when thermometer is removed from its testing position.
- Note:** Normally the buzzes are "Bi-Bi-Bi- Bi-", Alarm beeps more rapidly when temperature reaches 37.8°C (100°F) or higher, and the buzzes are "Bi-Bi-Bi----- Bi-Bi-Bi----- Bi-Bi-Bi"
- To prolong battery life, press the On/Off Button to turn unit off after testing is completed. If the unit will automatically turn off after around 10 minutes.
- Store the thermometer in its protective case.

## BATTERY REPLACEMENT

- Replace battery when symbol  appears in the lower right corner of the display.
- Pull the battery cover off as shown in (Fig.4).
- Gently pull out the plastic circuit board with the battery chamber approximately 1 cm (slightly less than 1/2") (Fig. 5)
- Use pointed object such as a pen to remove old battery. Discard the battery lawfully. Replace with new 1.5 DC button type LR41 or SR41,UCC392, or equivalent. Be sure the battery is installed with "+" polarity at the top.(Fig.6)
- Slide the battery chamber back into place and attach the cover.



## CLEANING AND DISINFECTING








Wipe the thermometer with a soft clean cloth. For stubborn stains, wipe the thermometer with a cloth that has been dampened with water or a neutral detergent solution and then rinse and dry thoroughly. Finish by wiping with a soft dry cloth. To prevent damage to the thermometer follow given instructions:

- Do not use benzene, thinner, gasoline or other strong solvents to clean the thermometer.
- Do not soak the sensing section in alcohol for long periods of time or attempt to sterilize with water (water at a temperature of 50°C (122°F) or higher).
- Do not use ultrasonic washing to clean the thermometer.

Disposal of this product and used batteries should be carried out in accordance with the national regulations for the disposal of electronic products. The device meets requirements of MDD 93/42/EWG. 0197 - notified body number.

### INFORMATION OF ELECTROMAGNETIC COMPATIBILITY AT:

<http://www.diagnosis.pl/normy>

	Manufacturer		Year of production
	LOT Number		Catalog number
	Consult the instruction manual	Rev.	Last updated
	Attention		Direct current

 Type BF



The worn out product should be taken to a waste collection facility. Contains components that are dangerous for the environment. The correct disposal of the device allows to preserve valuable resources and avoid negative effects on health and the environment, which may be threatened by inappropriate handling of waste. If you are in doubt where to return the used appliance, contact local distributor.

Diagnosis S.A.  
ul. Gen. W. Andersa 38A,  
15-113 Białystok, POLAND  
[www.diagnosis.pl](http://www.diagnosis.pl)

store stamp and signature  
of salesperson

## WARRANTY CARD

DEVICE NAME .....  
MODEL .....  
SERIAL NUMBER ..... DATE OF SALE .....


## WARRANTY TERMS

- Diagnosis S.A. grants a warranty:
  - 24 months for Diagnostic T-02 Flexible Thermometer
  - Hardware defects revealed during the warranty period will be rectified free of charge within 21 days. The term runs from the date of delivery of the equipment to the service center.
- The purchaser shall be entitled to replace the equipment for a new one, free of defects, when:
  - the repair has not been made within the time limit set in item 1
  - an authorized service center found an irreparable manufacturing defect
  - during the warranty period, 4 repairs were effected, and the equipment still shows defects that prevent its use in accordance with its intended purpose.
  - The concept of repair shall not include operations related to equipment check and cleaning.
- The warranty shall not cover: batteries, products with illegible or damaged serial number, damage due to the operation and storage inconsistent with the user manual, ingress of liquids or foreign bodies, overvoltage of mains, repairs by unauthorized persons and random events.
- Faulty equipment should be delivered by the buyer to the address of the main service center or one of the Authorized Service Centers (listed in the appendix).
- The warranty for the sold consumer goods shall not exclude, restrict, or suspend the powers of the buyer resulting from non-conformity of the goods with the contract.
- The only basis for the warranty rights shall be the warranty card with the date of sale, stamp and signature of the salesperson. If the card is not completed, filled in wrongly, with traces of corrections and entries made by unauthorized persons, illegible as a result of damage - it shall be invalid.

Information about authorised service centres is available at [www.diagnosis.pl/servis/diagnosis](http://www.diagnosis.pl/servis/diagnosis), and also at a toll-free number: 800 70 30 11, or 85 874 69 28 (Monday to Friday, 8 a.m.—4 p.m.)

### ANNOTATIONS OF SERVICE POINT

DATE OF APPLICATION	DATE OF REPAIR	WARRANTY EXTENDED TO	DESCRIPTION	STAMP AND SIGNATURE

 Diagnosis S.A.  
ul. Gen. W. Andersa 38A  
15-113 Białystok, Polska  
[www.diagnosis.pl](http://www.diagnosis.pl)

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