



PROFESSIONAL MEDICAL PRODUCTS

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TERMOMETRO DIGITALE RANA
FROG DIGITAL THERMOMETER
THERMOMÈTRE DIGITAL GRENOUILLE
TERMÓMETRO DIGITAL RANA

Model: KD-702

Manuale d'uso - User manual - Manuel de l'utilisateur - Guía de uso

Warning:

- Read instructions thoroughly before using digital thermometer.
- Choking Hazard: Thermometer cap and battery may be fatal if swallowed. Do not allow children to use this device without parental supervision.
- Do not use thermometer in ear. Designed use is 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 should be checked every two years.
- Remove battery from the device when not in operation for a long time.
- The performance of thermometer may be degraded if one or more of the following occur:
 - a) Operation outside stated temperature and humidity range;
 - b) Storage outside stated temperature and humidity range;
 - c) Mechanical shock;
 - d) Patient temperature is below ambient temperature.

PLEASE READ CAREFULLY BEFORE USING

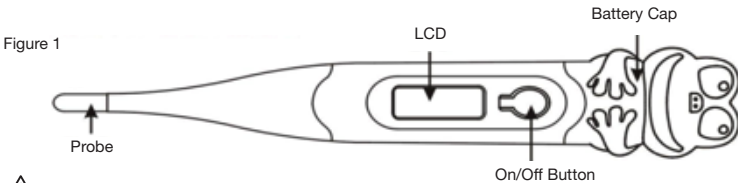
This digital thermometer provides a quick and highly accurate reading of an individual's body temperature. To better understand its functions and to provide years of dependable results, please read all instructions first.

This thermometer is manufactured according to the system of EN12470-3:2000+A1:2009, ASTM E1112-00. This thermometer complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This thermometer may not cause harmful interference, and (2) This thermometer must accept any interference received, including interference that may cause undesired operation. And the manufacturer is ISO 13485:2003 + AC:2012 certified.

CONTENTS

1 Thermometer, 1 Owner's Manual, 1 Storage Case


PRODUCT ILLUSTRATION



PRECAUTION

- Do not bend or drop thermometer. It is not shockproof.
- Do not boil probe to disinfect.
- Do not store in direct sunlight or in area of extreme heat.
- Do not disassemble. See BATTERY REPLACEMENT to replace battery. Do not put in trash. Recycle or manage as hazardous waste. Battery contains mercury.
- Avoid strong electromagnetic interference such as microwave ovens and cell phones

SPECIFICATIONS

Range:	32.0°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°C 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 18°C to 28°C (64.4°F to 82.4°F)
Display:	Liquid crystal display, 3 1/2 digits
Memory:	For storing the last measured value
Battery life:	Approx 200 hours
Battery:	One 1.5 V DC. button battery (size LR41 or SR41, UCC 392)
Dimension:	14.3cm x 2.8cm x 1.5cm (L x W x H)
Weight:	Approx. 11 grams including battery
Using environment:	Temperature: 5°C~40°C (41°F~104°F) - Relative humidity ≤85%RH
Storage and transportation condition:	Temperature: -10°C~55°C (14°F~131°F) Relative humidity: ≤95%RH
Waterproof lever:	Waterproof
Measurement Time:	a) 30±10 seconds (oral) - b) 45±20 seconds (underarm) c) 45±20 seconds (rectal)
Classification:	Type BF 

DIRECTIONS

1. Wipe or dip thermometer probe with isopropyl rubbing alcohol to disinfect
2. Press the On/Off Button next to LCD display. A tone will sound as the screen shows **188.8^{°E}**, followed by last recorded temperature. After showing the self-test temperature, the thermometer is now in the testing mode.
*Note: If the measured temperature is less than 32°C or 90°F, the LCD will display Lo, if the measured temperature is higher than 42.9°C or 109.9°F, the LCD will display Hi.
3. Position thermometer in desired location (mouth, rectum, or armpit.)
 - a) **Oral Use:** Place thermometer under tongue as indicated by "√" position shown in Figure 2. 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 and 37.3°C (96.3°F and 99.1°F)
 - b) **Rectal Use:** Lubricate silver probe tip with petroleum jelly for easy insertion. Gently insert sensor approximately 1cm (less than 1/2") into rectum. Normal temperature between 36.2°C and 37.7°C (97.2°F and 99.9°F).
 - c) **Armpit Use:** Wipe armpit dry. Place probe in armpit and keep arm pressed firmly at side. From a medical viewpoint, this method will always provide inaccurate readings, and should not be used if precise measurements are required. Normal temperature between 35.2°C and 36.7°C (95.4°F and 98.1°F).
4. 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 displayed temperature will not change when thermometer is removed from its testing position.

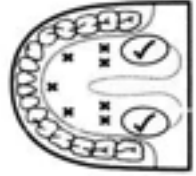



Figure 2

*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"

5. To prolong battery life, press the On/Off Button to turn unit off after testing is complete. If no action is taken, the unit will automatically shut off after around 10 minutes.

BATTERY REPLACEMENT

1. Replace battery when  appears in the lower right corner of LCD display.
2. Pull battery cover off as shown in Figure 3.
3. Use pointed object such as a pen to remove old battery. Discard battery lawfully. Replace with new 1.5V DC button type LR41 or SR41, UCC392, or equivalent. Be sure battery is installed with "+" polarity facing up. (See Figure 4, 5)
4. Slide battery chamber back into place and attach cover.

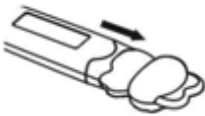


Figure 3



Figure 4

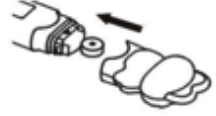


Figure 5













LIMITED WARRANTY

The thermometer is guaranteed for one year 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. To obtain warranty service, an original or copy of the sales receipt from the original retailer is required.



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

Simboli - Symbols - Symboles - Símbolos

	Corrente diretta <i>Direct Current</i> Courant continu <i>Corriente Directa</i>		Leggere attentamente le istruzioni per l'uso <i>Please read instructions carefully</i> Lire attentivement la notice <i>Leer atentamente las instrucciones de uso</i>
	Tipo BF parte applicata <i>Type BF Applied Part</i> Parties appliquées de type BF <i>Pieza aplicada Tipo BF</i>		Non smaltire con i rifiuti domestici <i>Products should not be disposed of with household waste</i> Ne pas jeter avec les ordures ménagères <i>No eliminar con los residuos domésticos</i>
	Leggere e seguire attentamente le istruzioni per l'uso <i>Read instructions carefully</i> Lire et suivre attentivement la notice <i>Leer y seguir atentamente las instrucciones de uso</i>		Codice prodotto <i>Product code</i> Code produit <i>Código producto</i>
	Prodotto conforme alla Direttiva Europea <i>Product complies with European Directive</i> Ce produit est conforme à la directive européenne <i>Producto conforme a la Directiva Europea</i>		Fabbricante <i>Manufacturer</i> Fabricant <i>Fabricante</i>
	Conservare al riparo dalla luce solare <i>Keep away from sunlight</i> À conserver à l'abri de la lumière du soleil <i>Conservar al amparo de la luz solar</i>		Rappresentante autorizzato nella Comunità europea <i>Authorized representative in the European community</i> Représentant autorisé dans la Communauté européenne <i>Representante autorizado en la Comunidad Europea</i>
	Conservare in luogo fresco ed asciutto <i>Keep in a cool, dry place</i> À conserver dans un endroit frais et sec <i>Conservar en un lugar fresco y seco</i>		Data di fabbricazione <i>Date of manufacture</i> Date de fabrication <i>Fecha de fabricación</i>

REF 25544 / KD-702



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