

BASAL DIGITAL THERMOMETER

INSTRUCTIONS FOR USE


Please read thoroughly before using



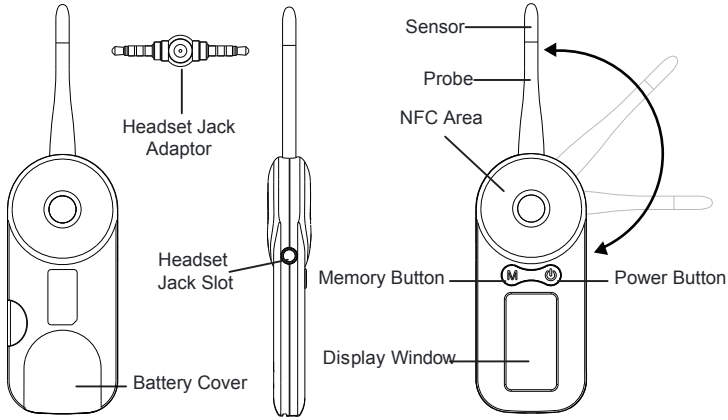
KD-2160

FEATURES


This basal digital thermometer is intended to measure the human body temperature for women. It's precise digital display is for using in a household environment.

- 1. Oral temperature measurement in approximately 30 seconds with proper use.
- 2. 40 sets of memories. Recall all memories using NFC (Near Field Communication) or the headset jack adaptor on your mobile device.
- 3. Very sensitive unit, easy to read digital LCD (liquid crystal display).
- 4. Compact, accurate and durable LSI (large scale integration) unit.
- 5. If the thermometer is inadvertently left on after temperature stabilization, it will automatically shut off after approximately 3 minutes.
- 6. Small, light weight unit with "store-away" probe and a handy carry case.
- 7. ABS resin body presents no hazard compared to broken mercury/glass thermometers.
- 8. Low battery indicator: when the symbol "  "appears , the battery needs to be replaced .
















PARTS DESCRIPTION



SPECIFICATIONS

Range	: 89.60~111.10°F (32.00~43.90°C) Below 89.60°F (32.00°C) displays L°F (L°C) Above 111.10°F (43.90°C) displays H°F (H°C)	
Resolution	: 0.01 °F (°C)	
Accuracy	: ± 0.2°F (98~102°F) ± 0.1°C (37~39°C) ± 0.3°F (96.4~97.9°F) ± 0.2°C (35.8~36.9°C) ± 0.3°F (102.1~106°F) ± 0.2°C (39.1~41°C) ± 0.5°F (less than 96.4°F) ± 0.3°C (less than 35.8°C) ± 0.5°F (greater than 106°F) ± 0.3°C (greater than 41°C)	
Display	: Liquid crystal display 3 1/2 digits	
Battery	: CR2032 x 1 (included)	
Power Consumption	: 0.40 milliwatts in measurement mode	
Battery Life	: More than 1,000 continuous measurements	
Dimensions	: 125.5mm x 34mm x 9.6mm	
Weight	: Approx. 24 grams including battery	
Beeper	: Approx. 8 sec. sound signal upon reaching peak temperature	
Memory	: 40 sets of memories	
Working Conditions	: Temperature: 41~104°F (5~40°C) : Relative Humidity: 15~95% non-condensing	
Storage Conditions	: Temperature: -13~158°F (-25~70°C) : Relative Humidity: 15~95% non-condensing	
Guarantee of Quality	: Certification ISO 13485 Comply with ASTM-E1112, EN12470-3, EN60601-1	
Product Classification	: Type BF  equipment	


EXPLANATION OF SYMBOLS

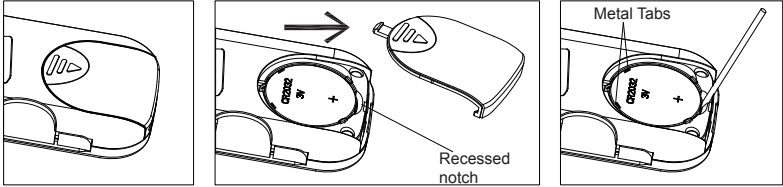
	Power Button
	Memory Button
	Temperature is lower than measuring range
	Temperature is higher than measuring range
	Memory
	Clock mode is off
	Clock mode is on - the thermometer will display the time
	Clock alarm has been set by your mobile device
	Thermometer is writing-in to your mobile device
	No memory in thermometer
	Low Battery indicator
	Keep dry
	Self detection error
	Connected to and operated by your mobile device
	Do not dispose of the thermometer and battery with regular household waste

PRECAUTION

- 1. Do not boil the probe. Instead, clean the unit by wiping it with a dry cloth and disinfect the probe with rubbing alcohol. See cleaning instructions for details.
- 2. Do not drop the thermometer or expose it to heavy shock. The unit is not shock-proof.
- 3. This unit is not water proof. Sensor and probe are water resistant.
- 4. Do not bite or swallow the probe. Do not place the headset jack adaptor in mouth.
- 5. After using, clean the thermometer and store it in the carrier case.
- 6. Do not store the unit in direct sunlight, at a high temperature, in high humidity or dust. Performance may be degraded.
- 7. Stop using the thermometer if it operates erratically or if the display malfunctions.
- 8. Keep out of reach of children. Supervision is recommended at all times.
- 9. Do not attempt to disassemble the unit except to replace the battery.
- 10. If the thermometer has been stored outside the stated storage condition range of temperatures (see specifications), allow the thermometer to naturally return to room temperature before using.
- 11. If the thermometer is operated outside the stated temperature and humidity ranges or if the patient's temperature is below the ambient (room) temperature, performance of the device may be degraded.

BATTERY REPLACEMENT



- 1. When the symbol "  " appears, the battery needs to be replaced.
- 2. Push and slide the battery cover as indicated below to open. Use a non-metal object inserted into the recessed notch to carefully lift the battery up and out of the unit. Do not lift the battery or remove from the opposite side as this may damage or break the metal tabs.
- 3. Confirm the polarity of the battery is correct (positive + side up) and insert, again being careful not to damage the metal tabs. Replace the battery cover.



Warning:

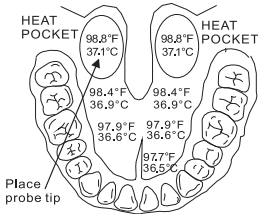
- 1. Discard old battery, out of reach of young children. Swallowing the battery may be fatal. If the battery is swallowed, contact a hospital immediately to have it removed. Do not dispose of the battery in a fire as it may explode.
- 2. For battery disposition, please consider your local and state laws and regulations.

HOW TO USE

- 1. The probe is folded into the body of the thermometer for storage. Unfold the probe and disinfect with rubbing alcohol before using.
- 2. Press and release the on/off button. The display will read  or .
- 3. Next the display will show L°F or L°C with the °F or °C flashing.
- 4. Place the probe under the tongue as described and shown below.
- 5. Once the degree sign °F (°C) on the display has stopped flashing, the measured temperature is indicated.
- 6. The unit will automatically turn off in approx. 3 minutes. However, to prolong battery life, it is best to turn off the thermometer by pressing the ON/OFF button once the temperature has been noted.

ORAL USE

Place the probe well under the patient's tongue with the probe sensor in the "heat pocket" (see diagram). Instruct the patient to keep their mouth closed while the thermometer is reading. You may find it necessary to hold the unit in place while it is reading, so you do not bite the probe. A normal temperature by this method is usually considered between 96.80°F to 99.50°F (36.00°C to 37.50°C).

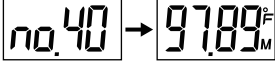


Special Features:

Normal Temperature Alarm: An alarm will sound when the peak temperature has registered and is ready-to-read. The "Normal Temperature" alarm (four quick beeps followed by a pause) will sound repeatedly for approximately 5 seconds.

For Switchable Fahrenheit and Centigrade Models: After turning on or waking up the thermometer, the Fahrenheit or Centigrade mode can be switched within the first 2 seconds by pressing and holding the POWER button until you hear a beep and the F or C changes.

Temperature Memory Recall: When the unit is off or in clock mode, press the M button to view the most recent memory reading. Continue to press/release for viewing additional memory readings. Memory readings show from the most recent to the oldest and include the memory number and the corresponding temperature.



User can record all memories on their mobile device with application software located on the OUCare website.

For more complete information, visit <http://www.oucare.com/products-bbt.html>

For information and help in using this thermometer with your mobile device, refer to the enclosed Quick Start Guide.

Setting:

The unit can be setup with the date, time and clock mode (on or off). The setting sequence is year, month, day, hour, minute and clock mode.

- 1. With the unit in 'off' or 'clock' mode, press and hold the M button until the display shows a blinking year and press the POWER button for adjustment.
- 2. After selecting the current year, press the M button to proceed to set the month, day etc., using the POWER button for adjustments.



NOTE : Always disinfect the thermometer before and after using.

NOTE : In Step 3, if the room temperature is greater than 90.00°F (32.00°C), it will be displayed rather than L°F (L°C).

NOTE : Before step 4, you may put a plastic sanitary probe cover on the sensor tip to help prevent cross-contamination and infection. Using a probe cover may result in a 0.2°F (0.1°C) difference from actual temperature. Dispose of used probe cover and store the unit in the case provided and in a safe place.

BODY TEMPERATURE FACTS

THE TAKING OF BODY TEMPERATURES: Changes in body temperature are one of the most important indicators of illness. It is important that accurate temperatures be taken. Even though the digital thermometer is used in similar manner to the glass thermometer, it is important that these simple instructions for use be followed closely and that the person taking the temperature understands body temperature.

BODY TEMPERATURE: A person's body temperature will usually be several tenths to one full degree lower in the morning than it is in the late afternoon. Therefore, if your temperature is 97.88°F (36.60°C) in the morning, it could be 98.42°F (36.90°C) or more in the late afternoon and still be normal. To determine what your normal body temperature is you should take your temperature both in the early morning and in the late afternoon over several days. Children have the same normal temperature range as do adults. A fever for both children and adults is typically defined as a temperature over 99.50°F (37.50°C) [oral reading]. Exercise, excessive clothing, hot bath, hot weather, warm food and drink can all cause elevations of up to 10.40°F (38.00°C) to 101.12°F (38.40°C) in oral temperature. If you suspect one of these to be the cause of an elevated reading, eliminate the cause and retake the temperature in half an hour.

CLEANING INSTRUCTIONS

To clean the thermometer, wash the sensor with a solution of mild detergent and cool water. Disinfect the thermometer by wiping the sensor and probe with a cloth dipped in a household antiseptic solution such as rubbing alcohol.

LIMITED WARRANTY

This thermometer (batteryA excluded) is guaranteed for one year from the date of purchase against manufacturer's defect under normal, household use and without evidence of tampering.

WARRANTY EXCLUSIONS:

- Device is not properly operated according to the instructions as described in this manual.
- Device shows any signs of tampering or attempted modification.
- Evidence of improper handling or storing, such as dropping, electric shock, heat, liquid or cleaner damage.
- Natural disasters (i.e., fire, flood, earthquake, lightning)
- **No receipt or proof of purchase showing date of purchase**

FOLLOWING THE INSTRUCTIONS CLOSELY WILL ENSURE YEARS OF DEPENDABLE OPERATION.

If the thermometer does not function properly, first check the battery (see battery replacement instructions). Replace if necessary. If the unit still does not function properly, contact 180 INNOVATIONS at info@180innovations.com or call 1-877-299-6700.

Our representative will provide further instruction to correct the trouble or will ask you to return it along with proof of purchase for repair or replacement.

FCC STATEMENT

NOTE: POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for USA Only)

Operation is subject to the following two conditions: 1) This device may not cause harmful interference, and 2) This device must accept any interference received, including interference that may cause undesired operation.

This product has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. The product generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If the product does cause harmful interference to radio or television reception, which can be determined by turning the product on and off, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the product and the receiver
- Consult the dealer or an experienced radio/TV technician for help

Changes of modifications not expressly approved by 180 INNOVATIONS could voidthe user's authority to operate the equipment.

Manufactured by:
180 INNOVATIONS LAKEWOOD, CO 80215
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Made in China
www.180innovations.com

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