

DIGITAL THERMOMETER

INSTRUCTIONS FOR USE

Please read thoroughly before using



KD-2070

Manufacture: K-Jump Health Co., Ltd. No.56, Wu Kung 5th Rd., New Taipei Industrial Park, New Taipei City 24890, Taiwan http://www.kjump.com/ [EC][REP]Authorized Representative in the Eurpean Community : Polygreen Germany GmbH Ruhlsdorfer Straße 95, D-14532, Stahnsdorf, Brandenburg, Germany

The digital thermometer is intended to measure the human body temperature for children and adults. It has precise digital display and be used in household environment.

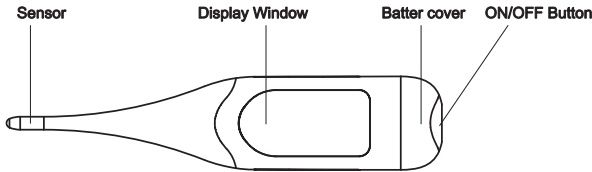
CONTRAINDICATIONS

- The digital thermometer is contraindicated :
- Place the thermometer probe in scarred tissue or tissue compromised by skin disorders
 - Place the thermometer probe on skin exposed to direct sunlight, fireplace heat, cold compress therapies, air conditioner flow, etc.
 - Patients in trauma or treat with certain drug therapies
 - Patients in fever
 - Patients in oral disorder

FEATURES

- Fast oral and rectal temperature measurements in around 5 seconds.
- 20 sets memories, recall all memories with Bluetooth 4.0 (BLE).
- Very sensitive unit, easy to read digital LCD (liquid crystal display).
- Compact, accurate and durable LSI (large scale integration) unit.
- Dual-display LCD, left-handed and right-handed display.
- If the thermometer is inadvertently left on after temperature stabilization, it will automatically shut off in about 30 seconds .
- ABS resin body presents no hazard compared to broken mercury /glass thermometers.
- Low battery indicator: when the symbol "■"appears, the battery needs to be replaced.
- This unit is water resistant.

PARTS DESCRIPTION



SPECIFICATIONS

Range:	32.0~43.9 (89.6~111.1F)		
Resolution:	0.1 °C(0.1°F)		
Accuracy:	±0.2°F (98.0°F - 102.0°F)	±0.1°C (37.0°C - 39.0°C)	
	±0.3°F (96.4°F - 97.9°F)	±0.2°C (35.8°C - 36.9°C)	
	±0.3°F (102.1°F - 106.0°F)	±0.2°C (39.1°C - 41.0°C)	
	±0.5°F less than 96.4°F	±0.3°C less than 35.8°C	
	±0.5°F greater than 106.0°F	±0.3°C greater than 41.0°C	
Memory:	20 sets memories		
Beeper:	Approx. 5 sec. sound signal when peak temperature reached		
Bluetooth 4.0 working area:	No barrier with 3 meters		
Battery (included):	CR2032 *1pcs		
Battery Life:	Around five months (one Bluetooth transmission per week)		
Dimensions :	137.5mm x 29.5mm x 13.5mm		
Weight:	Approx. 20 grams including battery		
Working Conditions:	Temperature: 5 ~ 40°C(41 ~ 104°F)		
Relative Humidity:	15 ~ 95% non condensing		
Storage Conditions:	Temperature: -25~ 55°C(-13 ~ 131°F)		
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

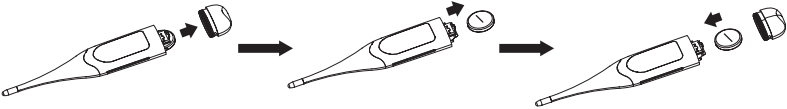
	Self detection error
	Low Battery indicator
	Temperature is lower than measuring range.
	Temperature is higher than measuring range.
	Memory
	Thermometer is connecting the mobile device via Bluetooth 4.0.
	Thermometer is writing-in by the mobile device which is equipped with Bluetooth 4.0.
	No memory in thermometer.
	ON/OFF button
	CE marking in conformity with EC directive 93/42/EEC and subsequent changes.
	Follow operating instructions
	Type BF Applied Part
	Warning and Caution
	Do not dispose the thermometer and battery with household waste.
	MMYY : Lot Number composed by month(M) and year(Y) of manufacture
	Manufacturer
	Authorized Representative in the European Community

PRECAUTION

- Do not boil the probe. Instead, clean the unit by wiping it with a dry cloth and disinfect the probe with ethyl (rubbing) alcohol. See cleaning instructions for details.
- Do not drop the thermometer or expose it to heavy shock. The unit is not shock-proof.
- Do not bite or swallow the probe and the headset jack adaptor.
- After using, clean the thermometer and place it into the carrier case.
- Do not store the unit under direct sunlight, at a high temperature, in high humidity or dust. Performance may be degraded.
- Stop using the thermometer if it operates erratically or if the display malfunctions.
- Keep out of reach of unsupervised children.
- Clean the thermometer probe before storing.
- Do not attempt to disassemble the unit except to replace the battery.
- If the thermometer has been stored at below-freezing temperatures, allow the thermom-eter to warm naturally to room temperature before using.
- Performance of the thermometer may be degraded if: Operated or stored outside stated temperature and humidity ranges or if the patient's temperature is below the ambient (room) temperature.
- Only use the thermometer indoors and do not use it near microwave ovens. In the case of thermometer whose maximum power exceeds 2 W, the minimum distance from thermometer should be 3.3 meters.

BATTERY REPLACEMENT

- When the symbol "■" appears, the battery needs to be replaced.
- Pull the battery cover off in the direction shown.
- Using a pointed object such as a toothpick or insulated probe to pry loose the old battery. Avoid using any sharp metal object in this operation.
- Place a new CR2032 battery in the chamber with the negative (-) side up and the positive (+) side down.
- Replace and fasten the battery cover securely.



- Warning:**
- Discard old battery carefully, 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. It may explode.
 - For battery disposition, please consider the national regulation.

HOW TO USE

- Disinfect the probe with rubbing alcohol before using.
- Depress the ON/OFF button. The display will read or with FeverTeller flashing (Red->Orange->Green).
- Release the ON/OFF button and the display will show L°C or L°F with °C or °F flashing.
- Place the probe in the appropriate position (oral or rectal).

HOW TO USE

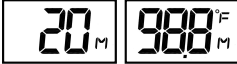
- Once the degree sign °C (°F) on the display has stopped flashing, the measured temperature is indicated and FecerTeller will light up color according to the measured temperature. The temperature reading will not change after the °C (°F) stops flashing.
- The unit will automatically turn off in 30 seconds (approx.). However, to prolong battery life, it is best to turn off the thermometer by pressing ON/OFF button once the temperature has been noted.

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 Centigrade and Fahrenheit Models: After turning on or waking up the thermometer, the Centigrade or Fahrenheit mode can be switched within the first 2 seconds by pressing and holding the ON/OFF button for 2 second.

Temperature Memory Recall:When the unit is off, long press the ON/OFF button to recall memories, each press can see previous memory. These memories show from the latest to the oldest one, memory showing includes sequence and temperature. User can record all memories with Bluetooth4.0 mobile device by application software, please go to Oucare website to have detail operation.

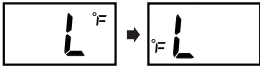


If there is no memory on the thermometer, LCD shows non.



Switch the display mode:

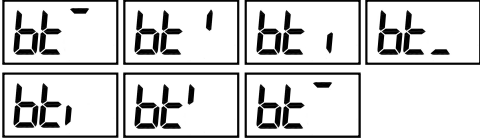
When the degree sign °C (°F) on the display is flashing, long press ON/OFF button for 2 seconds then release it , this operation can switch the display mode from right-handed to left-handed or from left-handed to right-handed. After switching the display mode, the unit will display accordingly for next turning on.



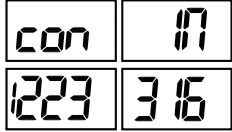
For information and help in using this thermometer with your mobile device, refer to the enclosed Quick Start Guide.

Read-back memories & write-in setting via Bluetooth4.0

When the unit is off, short press ON/OFF button twice, Bluetooth will be on then ready for data transmission and LCD shows bt and segment flashes clockwise in sequence, shown as below. If there is no operation within 30 seconds, the unit will auto turn off or user can turn off manually by pressing ON/OFF button.



When Bluetooth connection is built up, LCD shows "con" date and time will be sync-up to thermometer automatically then LCD show date and time. Date is MMDD format and time is AM/PM format but the AM or PM won't be shown. Here is an example, date is December-23 and time is 3:16.



RELIABLE METHODS TO MEASURE TEMPERATURE

THE TAKING OF BODY TEMPERATURES:

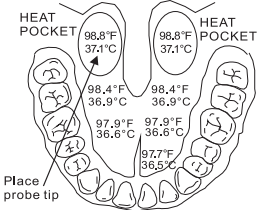
Change in body temperature is one of the most important indicators of illness. It is important that accurate temperatures be taken. Even though the digital thermometer is used in similar manner to the glass thermometer, it is important that the simple instructions for use of this thermometer be followed 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 36.60°C(97.88°F) in the morning, it could be 36.90°C(98.42°F) 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 37.50°C(99.50°F) (oral reading). Exercise, excessive clothing, hot bath, hot weather, warm food and drink can cause mild elevations of up to 38.00°C(100.40°F) to 38.40°C(101.12°F) in oral temperature. If you suspect one of these to be the cause of an elevated reading, eliminate the possible cause and retake the temperature in a half hour.

ORAL USE

Place the probe well under the patient's tongue. Instruct the patient to keep their mouth closed while the thermometer is reading. A normal temperature by this method is usually considered between 36.00°C to 37.50°C(96.80°F to 99.50°F).



CLEANING INSTRUCTIONS

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

LIMITED WARRANTY

This thermometer is guaranteed for one year from the date of purchase against manufacturer's defect under normal, household use. Follow the directions closely will ensure years of dependable operation.

WARRANTY EXCLUSIONS

- Device is not properly operated according to the instruction 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 distance (i.e., fire, flood, earthquake, lightning)
- No receipt or proof of purchase showing date of purchase.

FOLLOWING THE INSTRUCTION CLOSELY WILL ENSURE YEARS OF DEPENDABLE OPERATION.

If the thermometer does not function properly, first check the battery (see battery replacement instructions).Replace it if necessary.

FCC INTERFERENCE STATEMENT

This device complies with Part 15 of the FCC Rules. 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 equipment 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. This equipment 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 this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

The product comply with the FCC portable RF exposure limit set forth for an uncontrolled environment and are safe for intended operation as described in this manual. The further RF exposure reduction can be achieved if the product can be kept as far as possible from the user body or set the device to lower output power if such function is available. FCC ID: RYZ2070

Manufactured by : K-JUMP HEALTH CO., LTD
Made in China

REV. 20150513 PN. 82207000XX