FAST READ DIGITAL CLINICAL THERMOMETER

INSTRUCTIONS FOR USE
Please read carefully before using

KD-1470 - KD-1471

FEATURES
1. Fast oral and rectal temperature measurement in around 10 seconds with proper use.
2. Memory display for the last temperature taken.
3. Very sensitive unit, best for quick oral or rectal measurement.
4. Easy to read digital LCD (liquid crystal display).
5. Compact, accurate and durable LSI (large scale integration) unit.
6. Temperature can be taken orally or rectally.
7. If the thermometer is inadvertently left on after temperature stabilization, it will automatically shut itself off after approximately 10 minutes.
8. Small, lightweight unit. Universal use for the whole family, especially ideal for children.
9. ALARM: this body temperature sensor is equipped to broken mercury.
10. Low battery indicator: when the symbol “L” appears, the battery needs to be replaced.
11. This unit is waterproof.

PARTS DESCRIPTION

KD-1470
Display Window
ON/OFF Button
Sensor
Battery Cover

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Battery Cover

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Range</td>
<td>32.0° to 43.3°C (90.0°F to 109.9°F)</td>
</tr>
<tr>
<td>Resolution</td>
<td>0.1°C</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.1°C (±0.2°F)</td>
</tr>
<tr>
<td>Display</td>
<td>Liquid crystal display 3/2 digits</td>
</tr>
<tr>
<td>Battery (included)</td>
<td>Micro-Alkaline battery 1.5V (1×1.5V)</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>0.15 milliwatts in measurement mode</td>
</tr>
<tr>
<td>Battery Life</td>
<td>More than 2 years of normal use (after 1000 measurements)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Approx. 120mm x 20mm x 32mm</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 148g including battery</td>
</tr>
<tr>
<td>Memory</td>
<td>Built-in memory enabling display of previous measured value</td>
</tr>
<tr>
<td>Water resistant</td>
<td>Temperature: -10°C to 50°C (14°F to 122°F)</td>
</tr>
<tr>
<td>Storage Conditions</td>
<td>Relative Humidity: 15% – 95% non-condensing</td>
</tr>
<tr>
<td>Guarantee of Quality</td>
<td>Certification ISO 13485</td>
</tr>
</tbody>
</table>

Product Classification: Type M equipment

PRECAUTION
1. For best results, do not use the fast read thermometer for axillary (underarm) measurement. Only use it for taking oral and rectal temperature.
2. Do not boil the probe. Instead, clean the unit by wiping it with a dry cloth and disconnect the probe with temperature reading.
3. Do not drop the thermometer or expose to heavy shock. The unit is not shock proof.
4. Do not bend or bite the probe.
5. Do not store the unit in direct sunlight, or at a high temperature, or in high humidity or dust. Performance may be degraded.
6. Stop the unit if it operates erratically or if display functions.
7. Keep out of the reach of unattended children.
8. Clean the thermometer probe before storing.
9. Do not attempt to disassemble the unit, or to replace the battery.
10. If the thermometer has been stored at below freezing temperatures, allow the thermometer to warm gradually to room temperature before using.
11. Performance of the device may be degraded if operated or stored outside stated temperature and humidity ranges.

BATTERY REPLACEMENT

1. When the symbol “L” appears, the battery needs to be replaced.
2. Pull the battery cover off the device.
3. Using a pointed object such as a toothpick or a pin, press the old battery with any sharp object.
4. Clean battery contacts and any other part of the device prior to battery re-installation.
5. Place a new 1.5 V button type battery type 1.5 V type or equivalent in the chamber, with the negative (-) side up and the positive (+) side down.
6. Replace and test the battery accuracy.

Caution: Incorrect battery installation may cause damage to the unit or the battery.

Warning: Do not use battery for any purpose other than the intended use.

HOW TO USE

1. Disinfect the probe with isopropyl alcohol.
2. Depress the ON/OFF button. The display will read “9999” and “99.9°F”.
3. Release the power switch and the display will show “L°C” with “C°F” flashing.
4. Place the probe in the appropriate position (oral, axillary or rectal).
5. Once the degree sign “°C” or “°F” on the display has stopped flashing, the correct temperature is indicated.
6. The temperature reading will not change after the “°C” or “°F” stops flashing.
7. The unit will automatically turn off in 3 minutes (approx.). However, if proximity brings the unit to the thermometer by pressing the 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 6 seconds.
- Last Temperature Memory Recall: When the ON/OFF button is depressed to activate the thermometer, hold down for approximately 5 seconds. The display of “88.8” will change to show the last measured temperature. This reading is displayed the next time the button is pressed. When the button is released, the thermometer will be in “read-to-measure” mode and the last measured temperature will be erased.
- For Mode with Fever Alarm: If the temperature registers higher than 37.5°C (99.5°F), the fever alarm (a continuously-beeping sound) will activate for about 8 seconds without inactivity when the peak temperature has registered. Also, the result will keep flashing until the thermometer is switched off.

RELIABLE METHODS TO MEASURE TEMPERATURE

THE TAKING OF BODY TEMPERATURES: Changes 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 36.0°C (96.9°F) in the morning, it could be 36.5°C (98.8°F) or more in the late afternoon and even 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 adults. A fever for both children and adults is typically defined as a temperature over 37.5°C (99.5°F) [oral reading]. Exercise, excessive nighttime bath, not wearing warm food and drinks can cause mid elevations in temperature. 100°F (38°C) to 36.4°C(101.1°F) in oral temperature. If you suspect one of these to be the cause of an elevated reading, eliminate the possible cause and reduce the temperature in half hour.

ORAL USE: Place the probe 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 36.5°C to 37.5°C (96.9°F to 99.9°F).

RECTAL USE: If rectal temperature is recommended by your doctor, you may use a probe shield, insert thermometer into the probe shield. Do not let probe cover with a water soluble jelly for easier insertion. Do not use petroleum jelly. Insert about 1 cm (about 1/2 inch) into rectum. STOP if you meet any resistance. The sensing unit is on the very tip of the probe and there is no need to insert the probe deep into the rectum. In general, the rectal temperature is around 0.5°C to 1°C (0.9°F to 1.8°F) higher than oral temperature.

AXILLARY USE: Wear a dry towel. Place probe in the patient’s armpit and keep the patient’s arm pressed firmly against the body. In general, the axillary temperature is around 0.5°C to 0.7°C (0.9°F to 1.3°F) lower than oral temperature. Note that in order to achieve better axillary temperature measurements, a minimum measuring time of 3 to 5 minutes is recommended regardless of the body's condition.

NOTE: Children should be attended by an adult during the entire temperature recording process. After use, the digital thermometer should be stored in a safe place, out of reach of young children. If you compare temperatures between two thermometers, it is possible to have different readings even if both thermometers are within their accuracy tolerances. Differences in how you take each reading and the thermometer’s tolerance range can account for nearly 0.1°C (0.2°F) variability.

CLEANING INSTRUCTIONS
To clean the thermometer, wipe with a soft cloth. Use a mild detergent and cool water. Disinfect the thermometer by wiping with the sensor and lower stem with a cloth dipped in a household antiseptic solution such as rubbing alcohol.

This thermometer may also be sanitized with a sanitizing wipe. To wash a thermometer, please use the thermometer with the “normal wash mode” with the “heated dry mode” turned to the “L” position. When washing the thermometer, please do not leave it soaking. The thermometer is guaranteed for up to 10 times of dishwasher cycling when in the “normal wash mode.”

LIMITED WARRANTY
This thermometer is guaranteed for one year from the date of purchase against the manufacturer’s defects in normal, household use. Following the directions 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 thermometer does not function properly, please write to us at 11100 West 8th St., Lakewood, CO 80221 or call customer service at 1-877-299-6710, toll free. Our representative will provide further instruction on how to correct the trouble or will ask you to return it for repair or replacement.

FCC STATEMENT
NOTE: POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for U.S. Only)
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. This 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 this 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.
- Connect the product 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.

POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (for Canada Only)
This digital apparatus does not exceed the Class B limits for radio noise emissions from digital apparatus as set out in the interference-causing equipment standards entitled “Digital Apparatus”, ICES-003 of the Canadian Department of Communications. Changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Thank you for purchasing a Bel-Art brand product.

Manufactured by: 414-170 HealthCo, Ltd.
Made in China www.1800laboratory.com

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