FEATURES

1. Fast oral and rectal temperature measurement in around 10 seconds with proper use.
2. Thermotrend helps you better understand your health by showing the trend of last 3 measurements.
3. Memory displays for last temperature taken.
4. Very sensitive unit, best for quick oral or rectal measurement.
5. Easy to read digital LCD (liquid crystal display).
6. Compact, accurate and durable 110 g (large scale integration) unit.
7. Temperature can be taken orally or rectally.
8. If the thermometer is inadvertently left on for temperature stabilization, it will automatically shut off in about 30 seconds.
9. Small, lightweight unit, uniquely designed for the whole family, especially ideal for children.
10. ABS resin body prevents no hazard compared to broken ‘mercury-in-glass’ thermometers.
11. Low battery indicator: When the symbol ‘C’ appears, the battery needs to be replaced.
12. This unit is water resistant.

PARTS DESCRIPTION

- Sensor: Measures the temperature.
- Display Window: Displays the temperature.
- ON/Off button: Turns the thermometer on or off.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
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</thead>
<tbody>
<tr>
<td>Range</td>
<td>±0.1°C (32.9°C - 43.9°C)</td>
</tr>
<tr>
<td>Resolution</td>
<td>±0.1°C</td>
</tr>
<tr>
<td>Accuracy</td>
<td>±0.2°F (±0.2°C)</td>
</tr>
<tr>
<td>Power Consumption</td>
<td>0.6 mAh (in maintain mode)</td>
</tr>
<tr>
<td>Battery</td>
<td>CR2032 (3V) (included)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>1.1” x 0.8” x 0.2” (27 mm x 21 mm x 5 mm)</td>
</tr>
<tr>
<td>Weight</td>
<td>Approx. 20 grams including battery</td>
</tr>
<tr>
<td>Memory</td>
<td>Built-in memory enabling display of previously measured value</td>
</tr>
<tr>
<td>Operating Temperature</td>
<td>-10°C to 40°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>70% - 80%</td>
</tr>
<tr>
<td>Storage Condition</td>
<td>-20°C to +55°C</td>
</tr>
<tr>
<td>Humidity</td>
<td>70% - 80%</td>
</tr>
<tr>
<td>Battery Recharge</td>
<td>1 year</td>
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</tbody>
</table>

PRECAUTION

1. For best results, we do not recommend using 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 do not immerse the probe with rubbing alcohol.
3. Do not leave probe bather for electric shock as this may adversely affect its performance.
4. Do not bite the probe.
5. Do not store the unit in direct sunlight, at a high temperature, or in high humidity or dust.
6. Performance may be degraded.
7. Stop using the thermometer if it operates erratically or it displays malfunctions.
8. Keep out of the reach of unsupervised children.
9. Clean the thermometer and avoid scratching the surface.
10. Do not attempt to disassemble the unit except to replace the battery.
11. If the thermometer is kept at below-freezing temperatures, allow the thermometer to warm naturally to room temperature before using.
12. Performance may be degraded if operated or stored outside stated temperature and humidity ranges or the patient’s temperature is below the ambient (room) temperature.

BATTERY REPLACEMENT

1. When the symbol ‘C’ appears, the battery needs to be replaced.
2. Using a coin, unlock the battery cover by turning it counter-clockwise and carefully remove the battery with a nonmetallic instrument from the holder. Avoid using any sharp metal object in the operation.
3. Respectfully discard the battery.
4. Clean battery contacts and also those of the device prior to battery re-installation.
5. Replace the battery with a 3V CR2032 lithium type equivalent in the chamber with the negative (-) side down and the positive (+) side up.
6. Using a coin, resecure the battery cover by turning it clockwise.

Reliable Measurement

Thermotrend: It will show for 4 seconds (1 after last temperature recall) after measurement completed, with the last-temperature bar (lower) and the next-temperature bar (upper) showing the trend of last 3 measurements.

For examples:
- Temp Going up
- Temp Going down
- Temp at the same level

For Models with Fever Alarm: If the temperature reaches higher than 37.9°C (37.2°C) fever alarm (a high-pitched beeping sound) will sound continuously for about 15 seconds. (37°C for 2 seconds measurement, the alert will level up (down) one stage. The mid-range bar shows the trend of 2nd last measurement, by comparing with the 3rd last measurement. The left bar shows the trend of 3rd last measurement, by comparing with the 4th last measurement.

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 to note that accurate temperatures may be taken by placing the digital thermometer on the tongue, underarm, or rectum. Even though the digital thermometer is used in similar manner to the glass thermometer, it is important that the simple user be forewarned that this thermometer is designed for use by children and adults.

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 97.9°F (36.6°C) in the morning, it could be 98.4°F (36.8°C) or more in the late afternoon and be considered normal. To determine what is normal for your temperature both in the early morning and in the late afternoon over several days, Children have the same same normal temperature range as do adults. A fever for both children and adults is typically defined as a temperature over 99.5°F (37.5°C) (oral reading). Exercise, excessive clothing, not bath, not water for fever, or other conditions can cause elevation above 100.0°F (37.8°C) to 101.5°F (38.0°C) to 38.4°C in oral temperature. If you suspect one of these to be the cause of an elevated reading, eliminate the possible cause and re-take 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 96.8°F to 99.5°F (36.0°C to 37.5°C).

RECTAL USE

If rectal temperature is recommended by your doctor, you may use a probe insert. Insert the thermometer into the probe cover with a water soluble jelly for easier insertion. Do not use petroleum jelly. Insert tip of probe no more than 1/2 inch into rectum. STOP if you meet any resistance while the unit is on the 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°F to 0.7°F (0.3°C to 0.4°C) higher than oral temperature. Note that in order to achieve a better oral temperature measurement result, a minimum measuring time of 3-5 minutes is recommended regardless of the body sound.

AXILLARY USE

Wipe contact with a dry towel. Place probe in the patient’s armpit and keep the patient’s arm pressed firmly against the body. It is normal to have an oral temperature anywhere is around 0.8°F to 2.0°F (0.4°C to 1.1°C) lower than oral temperature. Note both hand and mouth should be washed after use.

CLEANING INSTRUCTIONS

To clean the thermometer, wash the tips with a solution of mild detergent and cold water. Do not immerse the thermometer in liquid. To clean the thermometer, wipe the thermometer with a soft cloth dipped in a household antiseptic solution such as rubbing alcohol.

FCC Statement

NOTE: POTENTIAL FOR RADIO/TELEVISION INTERFERENCE (FOR U.S.A. 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, 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. This equipment generates, uses, and can radiate 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.

LIMITED WARRANTY

This device (batteries excluded) is guaranteed for one year from the date of purchase against manufacturer’s defects under normal use and without evidence of tampering. If the thermometer does not function properly, first check the battery (see battery replacement instructions). Replace if necessary.

WARRANTY EXCLUSIONS:
- Device is not properly operated according to the instructions as described in this manual.
- Device shows any signs of tampering or has been modified.
- Evidence of improper handling or storing, such as dropping, electric, heat, lady or damage cleaning.
- Natural disasters (i.e., fire, flood, earthquake, etc.)
- Normal wear and tear.
- No receipt or proof of purchase on date of purchase.

Following the instructions closely will ensure years of dependable operation.

If the device does not function properly, please contact 180 INNOVATIONS at (610) 822-0500 or e-mail at support@180innovations.com. Our representatives will provide further instruction to correct the trouble or we will ask you to return it along with proof of purchase for repair or replacement.

Thank you for purchasing a 180 INNOVATIONS product.

Manufactured by: 180 Innovations Limited
Distributed by: Kumpf Medical Co., Ltd.
Made in China

REV 20160510  P/N: 8220500027
Manufactured under U.S. Patent No. 6,275,866
Manufactured under U.S. Patent No. 6,379,299