PROFESSIONAL MEDICAL PRODUCTS

WIDE SCREEN DIGITAL THERMOMETER

OPERATING INSTRUCTIONS
Please read all of these instructions carefully before you operate this product and save these instructions for later use.

Measuring sensor   Display   ON/OFF Button

BATTERY REPLACEMENT
Battery: One LR41 battery
One single battery can be used for more than 1,000 times' measurement. When the battery sign " ▬✕ " appears on the display, please replace with a new battery.

Follow the steps below to replace the battery:
1. Downward press the back cover, then push the back cover along the direction of arrow " > > > " about 1mm (Figure A), the back cover will emit a click sound, the back cove can be open now.
2. Remove the battery, insert the new battery with "+" pole facing up as shown in the Figure B.
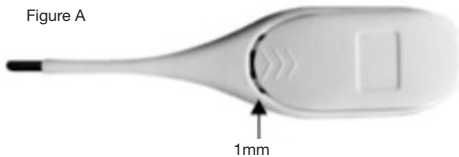3. Close the back cover.

Figure A

Figure B

1mm

Dispose of used batteries according to applicable local regulations.

USING THE THERMOMETER
• To turn on the thermometer, press the ON/OFF button.
• A sign " 188.8 " will be shown on the display for 2 seconds.
• If the test is no problem, an *Lo* and a flashing "°C" will be displayed, this means the thermometer now is ready to use. Choose the preferred measuring method. When taking a measurement, the "°C" symbol continuously flashes. About 8 to 10 seconds, when the "°C" is no longer flashing, this means that the thermometer can now be read.

When measurement is stop and if the temperature more than 37.8°C (100°F). In this case the buzzer alarms "BI-BI-BI--- BI-BI-BI---" for 10 sec, as follows: BI --- BI --- BI ---------- BI ---BI: 0.125sec.
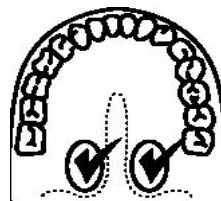
When the temperature is no more than 37.8°C (100°F), the buzzer alarms "BI-BI-BI-BI-" for 10 sec, as follows: BI --- BI---BI: 0.5sec

• If you want to continue to take measurement, do not need to remove the thermometer. If the new reading is higher than before, the new reading will replace the last reading is stored in memory. The thermometer will automatically switch itself off in 10 minutes. User also can press ON/OFF button to turn off the thermometer.

• Press and hold the ON/OFF button for about 4 seconds until the "Lo°C" is displayed on LCD, then press ON/OFF button again to switch between "°C" and "°F".

• Store the thermometer in the storage case after use.

Figure 1

ORAL USE (FIGURE 1)

· The mouth should remain closed 3 to 5 minutes before attempting a reading.
· Place the thermometer in the mouth under the tongue so that it rests to the left or right of the root of the tongue.
· Use downward tongue pressure to hold the thermometer in place.
· Hold the thermometer to keep it from sliding around in the mouth.
· When the reading is ready, the thermometer will emit a beep sound, remove the thermometer and read the result.

UNDERRARM USE (FIGURE 2)

· The underarm should remain clamped 3 to 5 minutes before attempting a reading.
· Place the probe tip in the center of the underarm.
· Lock the probe tip under the arm, using the arm to slightly apply pressure inwards.
· When the reading is ready, the thermometer will emit a beep sound, remove the thermometer and read the result.
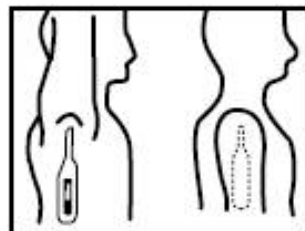
CARE AND MAINTENANCE

· Wipe the thermometer with a soft clean cloth before and after each use.
· Never put the thermometer into any liquid.
· Do not shock, knock or move the thermometer when using it.
· The thermometer is not a toy; please keep it out of the reach of children.
· Adult supervision is required when taking a temperature on children.
· Contact your physician for specific information about your temperature readings.
· Store the thermometer in a clean, safe and dry location. Do not store the thermometer where it will be exposed to direct sunlight, dust, etc. Keep it far from heat source. Storage temperature: -10°C~+60°C; Storage humidity <95%
· Do not use a mobile phone near the thermometer or in places where strong static electricity or electromagnetic field at present.

Figure 2

SPECIFICATIONS

Measurement Range	32.0°C~43.9°C (90.0°F~111.0°F) "Lo"displayed when the thermometer of the sensing section is less than 32.0°C (90.0°F) "Hi" displayed when the thermometer of the sensing section is greater than 43.9°C (111.0°F)
Measurement Accuracy	±0.1°C (35.0°C~41.0°C) ±0.2°F (95.0°F~105.8°F)
Temperature Display	3.5-digit LCD display
Resolution	0.1°C (0.1°F)
Buzzer Notification	Press ON/OFF button or the temperature measurement is complete; the buzzer will emit beep sound.
Memory Function	The last reading will automatically be stored in memory.
Usage Environment	Surrounding Temperature: 10°C~40°C (50°F~104°F), Relative Humidity: 30%RH~85%RH In the 16°C~31°C environment temperature range, measurement can be done in 8 to 10 seconds. Otherwise it will need 20 seconds to 2 minutes to complete temperature measurement.
Storage Environment	Surrounding Temperature: -10°C~+60°C (14°F~140°F), Relative Humidity: 10%RH~95%RH
Battery	LR41
Reference Standard	EN12470-3: 2000; clinical thermometers ASTM E-1112; electronic thermometers

TESTING AND TEST METHOD (LABORATORY REFERENCE PURPOSES ONLY)

1. Temperature accuracy of detection method: Put the thermometer into the water tank, the sensor of thermometer must be placed approximately 2cm below the water surface and wait about 22 seconds, then press the ON/OFF button to turn the thermometer on, then the thermometer will enter standard temperature measurement mode and display water tank temperature with temperature unit symbol °C (°F) flashing.

2. Human clinical testing method: Turn on the thermometer, waiting for the temperature unit symbol °C (°F) flashes three times, put the thermometer in the mouth or the armpit, about 22 seconds, the thermometer display the maximum reading, it will issue "bi-bi-" sound.

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