

INSTRUCTION MANUAL

INFRARED FOREHEAD THERMOMETER



Thank you for choosing **WELL**. Please read carefully the following instructions and keep them within reach.

Model: THERM-IR-VITAL-WL (FT-100B)

The infrared forehead thermometer is an electronic thermometer using an infrared sensor to measure human body temperature for people of all ages, Its operation is based on measuring the natural thermal radiation emanating from the forehead.

Specification:

Reference to the standard of EN12470-5:2003 Clinical thermometers -- Part 5: Performance of infra-red ear thermometer and ASTM E 1965-98: Standard specification for infrared thermometers for intermittent determination of patient temperature.

Measurement range:

32.0°C~42.9°C

Accuracy: ±0.3°C (32.0°C ~ 42.9°C)

Operating ambient:

Temperature: 10°C~40

Humidity: ≤85%RH

Atmospheric pressure: 700~1060hPa

Altitude: <3000m

Storage and transport condition:

Temperature: -20°C ~ 55°C

Humidity: ≤93%RH

Display resolution temperature range: 0.1°C

Display: liquid crystal display, 3 digits

Temperature unit: °C

Display of memory: last 10 memories

Low voltage warning: the LCD display '⎓' '⎓'

Power consumption: ≤30mW

Battery: 1 x CR2032 (not included)

Battery life: over 2500 times with 1 pc. CR2032

Dimension: 105mm X 35mm X35mm

Net weight: 36g




Beeper sign: on/off, measuring finish, etc.

Self-check test: Press the " ON/OFF/MEM " button to turn on the thermometer and all of the symbols (See Fig A) should be displayed on the LCD in one second.

Calibration frequency: If used privately no calibration is needed. For professional use it is recommend to check once a year.



Cautions

1. Before measuring, the thermometer shall be stabilized at least 30min under operating condition.
2. Do not expose the thermometer to the electric shock.
3. Do not modify this device.
4. Do not expose the thermometer to the sunlight or immerse it into the water.
5. Do not use near strong electromagnetic fields, i.e. Keep it away from any radio systems or mobile phones.
6. This device must always be kept in a clean, dry area.
7.  Degree of protection against electric shock is Type BF applied part.
8.  The disposal of the battery and device shall comply with the local environment requirements.
9. : The battery in this product complies with the Requirements stated in European Directives 2006/66/EEC.
10. This device include small parts, don't inhale or swallow it.
11. Do not apply a strong shock to, drop, step on, or vibrate the main unit.
12. Persistent fever, in particular in children, has to be treated by a doctor, please get in touch with your doctor!

How to use

1. Press the 'ON/OFF' button to turn on the thermometer, a beep sound is heard and the LCD displays as Fig A in one second. When the LCD displays as Fig B, it is ready for use.

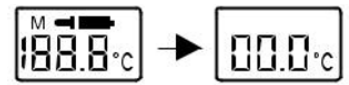
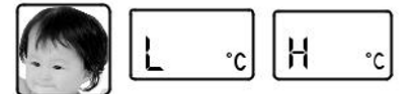


Fig A

Fig B

2. The probe shall be aimed at the forehead, from a distance of (1-3) cm, press the 'SCAN' button and then release it. When you hear a beep sound, that indicates the measurement is completed, remove the thermometer. The display shows the measured temperature.



Note: Display as Fig C shows when the measured temperature is lower than the measurement range.

Display as Fig D shows when the measured temperature is higher than the measurement range.

Fig C

Fig D

3. **Memory search:** press the 'MEM' button, which will then display the last measured temperature, as Fig F shows, and allows for a view of the last 10 measurements taken.

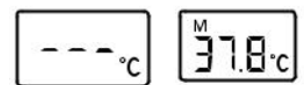


Fig E

Fig F

4. **Measuring again:** If you want to measure again, repeat the step 1 and step 2.

Note: The time between each reading should be not less than 1min.

5. The LCD will display as Fig G and cannot display temperature when the ambient temperature is out of the operating ambient.

Note: Before measuring, the thermometer shall be stabilized at the operating ambient condition for at least 30 min.

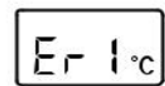


Fig G

6. **Shut off:** The thermometer will automatically shut off after 1 min of inactivity.
Or press the 'ON/OFF' button for about 4 seconds, then the thermometer will be shut off.

Explanation of symbols



Low voltage



Product disposal instructions for electronic devices



The battery in this product must comply with the requirements stated in European Directives 2006/66/EEC.



Type BF equipment



Memory



Subject temperature is under 32°C



Subject temperature is above 42°C



Read IFU carefully



Lot number



Authorized representative in the European community



Manufactured by



CE conformity marking





Classification according to the degree of protection against ingress of water

Cleaning and Storage

1. Store the thermometer in a dry location free from the dust and contamination and away from the direct sunlight. The ambient temperature at the storage location should remain fairly constant and within the range of -20 C to 55°C.
2. Use an alcohol swab or cotton swab moistened with alcohol (70% Isopropyl) to clean the thermometer body, if it is dirty. Ensure that no liquid enters the interior of the thermometer.
3. Never use abrasive cleaning agents, thinners or gasoline for cleaning and never immerse the thermometer into the water or other cleaning liquids. Take care not to scratch the surface of the display.

Replacing the batteries

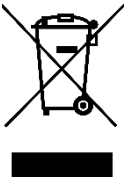
1. When voltage of the batteries are low, the LCD will display ' 
3. Remove the battery cover and take out the old battery.
4. Place new battery according to the '+' or '-'.
5. Please take out the batteries to avoid battery leaking if the unit is not used for over 3 months.
6. The disposal of the battery and device shall comply with the local environment requirements.



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Waste electrical and electronic equipment are a special waste category, collection, storage, transport, treatment and recycling are important because they can avoid environmental pollution and are harmful to health. Submitting waste electrical and electronic equipment to special collection centers makes the waste to be recycled properly and protecting the environment. Do not forget! Each electric appliance that arrives at the landfill, the field, pollutes the environment!



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