

Non-Contact Infrared Thermometer

USER MANUAL

(Read carefully before use)

E+K M



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1. Safety Regulations

Please read before use

- The best ambient temperature: 16°C to 35°C.
- Please do not close to Charged object.
- Please do not use in the humidity higher than 85%.
- Please do not close to Electromagnetic range (etc radio, phone).
- Please do not close to the fire or touch the water.
- Please do not impact or fall down.
- The sweat, hair, hat or scarf will effect the measurement accuracy.
- Please use 3-5 cm away from the forehead.
- If there is a significant change in ambient temperature, allow both the thermometer and the patient to adjust 15-20 minutes before measure.
- If there is sweat on the forehead, recommend to measure behind the ear lobe.
- If there need to clean, using the cotton swab, carefully wipe the surface.
- If the product need be repaired, please contact the distributor.

2. Structure

The Non-contact infrared thermometer is contain with the Probe, LCD screen, Circuit board & outer covering ...

As picture:



- | | |
|----------------|-----------------------|
| ① LCD display | ② Probe |
| ③ Start button | ④ Battery compartment |

3. Symbols

- | | |
|----------------------------------|------------------------|
| Symbol For MFD | Symbol For Item No. |
| Symbol For Expected Service Date | Symbol For Disposal |
| Symbol For Warning | Symbol For User Manual |
| Symbol For Type B Applied Parts | |

4. Intended use & Intended user

Intended Use: For body surface and forehead temperature measurements in children and adults that does not require any skin contact.

Intended User: At Least 5 years old children and adults.

5. Transportation, Operating & Storage

- 1) The thermometer should be stored in room temperature and suitable outside temperature is between 16 °C ~ 35°C
- 2) Do not drop the thermometer and do not expose the thermometer to heavy shock, as the thermometers is not shock-protected construction.
- 3) Do not expose the thermometer to direct sunlight or leave in a high temperature place.
- 4) The device can be ship by air, road & sea.

Operating		Transportation & storage	
Temperature	16 °C to 35°C	Temperature	-20 °C to 55 °C
Humidity	≤85% R.H	Humidity	≤93% R.H
Pressure	70kPa ~ 106kPa	Pressure	70kPa ~ 106kPa

6. Product Specifications

Item	Details of description
Measuring range	Body mode:35.0°C-42.0°C Surface mode:0°C-100°C
Display resolution	0.1°C
Measuring precision	±0.2°C
Display	LCD display, 4 digits & symbols
Storage	32 groups of data storage
Power-saving	Turned off automatically after one minute
Battery	DC 3V (2 pcs 1.5V AAA batteries)
Product size	150×88×45mm
Weight	112g (without batteries)
Expected service life	Approx 3 years

7. How to use

- 1) Insert battery: Can hear the one ring and see the flash around 2 secs, then the display turned off automatically.

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9. How to Maintain

- 1) The sensor part of the thermometer is very sensitive and must be kept clean and undamaged.
- 2) Do not put any foreign material inside the product.
- 3) To clean the sensor, using a cotton swab, carefully wipe the surface clean.
- 4) Any direct rays of the sun should be avoided and should be stored in a place without dusts or pollutants.
- 5) The thermometer should be stored in room temperature and suitable outside temperature.
- 6) If the thermometer was not placed in room temperature, leave the temperature in room temperature for 15-20 minutes before use it.
- 7) If the product need be repaired, please contact the dealer.
- 8) When measuring temperature, do not touch the probe. If it is touched, clean it with slightly damp cloth. Do not immerse in water or use chemical/abrasive cleaning agents.

10. Disposal

- 1) Please dispose of the device in accordance with the directive (Waste Electrical and Electronic Equipment). If you have any queries, please refer to the local authorities responsible for waste disposal.
- 2) Used, fully discharged batteries must be disposed of in a specially labeled collection container, at toxic waste collection points. You are under legal obligation to dispose of batteries correctly.

11. Expected Service Life & Accessory List

- 1) Expected service life: Approx 3 years
- 2) Accessory list

Item	Accessory	Quantity	Unit
1	Infrared thermometer	1	pc
2	User manual	1	pc

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- 2) Turn on: Press the button "start", hear two rings, the display shows that the device is ready for use.

The display show:

Mode:
Temperature unit:
Battery power
Current data:
Memory date:
Buzzer:

- 3) Measuring: ① Hold the thermometer 2 to 3 cm from the measuring point, ② Press the button "start", ③ Keep the distance until you hear the measurement completion beep.
- 4) Turn off: Turned off automatically after one minute
- 5) Battery replacement: when display show " ", the batteries are weak.

Operating:

- 5.1. Take the used batteries out the battery compartment.
- 5.2. Insert two pcs AAA batteries. (make sure that the batteries are insert correctly)
- 5.3. Close battery compartment.

Caution:

Remove primary batteries if device is not likely to be used for some time.
Remove the batteries if the device is not to be used for a long time over three months, the batteries may leak and cause a malfunction.

8. Settings

Turn on the device, press the button "MODE" for 2 seconds. In the setting state, press the "Settings" button to set in order: Temperature. Unit / Buzzer / Alarm temperature / Quit setting.

- 1) Setting for temperature unit: Press button "+" for a unit of "-C-"
Press button "-" for a unit of "-F-"
- 2) Setting for buzzer: Press button "+" to turn on
Press button "-" to turn off
- 3) Setting alarm temperature: The device default temperature is 38.0°C (100.4°F), press the button "+" or "-" to adjust the alarm temperature. When the temperature over the temperature you set, can hear 5 rings of a beep.

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12. Warranty

- 1) Warranty period is one year after the original purchase.
- 2) Defective products will be repaired or replaced free of charge within the warranty period.
- 3) In case of damage by carelessness of end user is not applied to this warranty condition.
- 4) Service period can not be extended after repairing.
- 5) If repaired by any unauthorized personnel / technician, warranty is void.

WARRANTY			
Product Name	Non-Contact Infrared Thermometer		
Model No.	DM2001	Purchasing Date	
Customer Information			
Name			
Phone			
Address			

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