

NON-CONTACT IR THERMOMETER

Model | KM302

Product Manual



FAST



SAFE



ACCURATE



www.kavone.com/ir



KAVONE[®]

Introduction

Thank you for purchasing KAVONE KM302 Non-Contact IR Thermometer.

The KAVONE KM302 IR thermometer measures temperature from a distance of 5cm to 15cm without contact. It has two measurement mode : Body and Surface, which can be used to measure human body and object surface temperature.

It is mainly designed for general household use.



Please read this product manual before using the unit.

Please keep for future reference.

For specific information about your own temperature, Consult Your Doctor.

Features

- Non-Contact high precision temperature measurement.
- Fast and accurate measurement. Result in one second.
- LCD display with 3 color backlit for easy fever differentiation. Green color for normal temperature. Orange color for mild fever. Red color for high fever.
- Temperature measurement in both °C and °F.
- Audio alarm for high temperature.
- Auto power off after 20 seconds.
- Memory for 32 previous results.
- Low battery indicator.

General Precautions

- Please use this product at an ambient temperature of 10°C to 40°C and relative humidity <85%
- The ambient temperature should be stable and it should be not in a place with high airflow such as fans and air outlets.
- Do not use thermometer in high sunlight and electromagnetic interference. Do not apply strong shocks and vibrations or drop the unit.
- When cleaning is required, gently wipe the surface of the thermometer with 40% isopropyl alcohol solution. Do not allow to penetrate isopropyl alcohol inside the LCD screen and the thermometer.
- If the thermometer is not in use for a long time, please remove battery to prevent leakage.

Instructions for use

- Open the battery cover by sliding in the direction of arrow. Insert 2 Nos. AAA battery in the thermometer as shown in the image. Please make sure that the battery insert in the correct polarity. The positive terminal of one battery should touch on the + mark on metal strip and negative terminal of other battery should touch on the - mark on metal strip.



- Before measuring body temperature, the thermometer should be placed in the same room temperature for minimum 20 minutes.
- Do not expose thermometer to sun or water.
- Before measuring body temperature, make sure to move hair and remove sweat from the forehead of the person. Make sensor window face the forehead during measurement. Thermometer and body surface should be in perpendicular to get accurate readings.

- Press "Handle" button to turn on the device.

- After turn on the thermometer, point the sensor to the forehead at a distance about 5cm. Press the "Handle" button to measure the temperature.

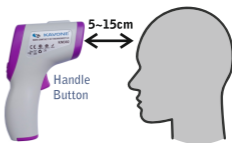
- Press "Backlit" button to turn ON / OFF backlit

- Long press "Backlit" button to change Body / Surface. If the thermometer is ready to measure human body temperature, the display will be "Body temp", otherwise the thermometer is in surface mode.

- Press "Sound" button to ON / OFF sound and fever alarm.

- Long press "Sound" button to change the temperature unit to Degree Celsius (°C) and Degree Fahrenheit (°F).

- Press "UP / DOWN" button to view the previous temperature readings. This thermometer automatically stores 32 results.




Specifications

Model	KM302
Measuring Range	Body: 32.0C°~42°C (89.6°F~107.6°F) Surface: 0°C~60°C (32°F~140°F)
Fever Indication	Orange: 37.5°C ≤ T ≤ 37.9°C (99.5°F~100.2°F) Red: 38°C ≤ T ≤ 42°C (100.4°F~107.6°F)
Accuracy	±0.2°C
Resolution	0.1°C / 0.1°F
Measuring Distance	5 ~ 15cm
Operating Ambient Temperature	10°C~40°C (50°F~104°F)
Relative Humidity	≤85%
Automatic Shutdown	Auto Power Off After 20 Seconds
Power Supply	AAA Battery X 2 Nos.
Weight	125gm

NOTE: Accuracy is mentioned is at an ambient temperature of 18°C~28°C at 5cm



Maintenance

- Regularly wipe the meter with dry cotton cloth.
- Do not store in high temperature and high humidity environment.
- Product must be serviced by company professionals only.
- Never immerse the unit in water.
- When the battery power becomes low, the LCD screen will display . Replace the battery immediately.

Note

- The LCD shows "HI" when the measured value exceeds the measurement range. That is, if the temperature exceeds 42°C / 107°F in "Body temp" mode and 100°C / 212°F in "Surface" mode.
- The LCD shows "Lo" when the measured value is lower than the measurement range. That is, if the lower than 32°C / 89.6°F in "Body temp" mode and 0°C / 32°F in "Surface" mode.

