

# 『Non-contact IR Temp Measurement』 Instruction manual

Model : FOSC-1000T



The front

Infrared pointer



The back

Power on : long press button  
When scanning : press the button

## 1. Introduction

Compact, sturdy and convenient to use. Just aim and push the button, the surface temperature of the measurement object can be read within 1 second. Measure the surface temperature of an object without direct contact.

## 2. How it works

- ① Open the battery cover and insert the battery  
(Pay attention to polarity)
- ② Turn on the power by pressing the button
- ③ Display “Lo “ character on screen
- ④ Scan by pressing the button with the infrared pointer on the object to be measured
- ⑤ Keep reading for 5 seconds
- ⑥ Press the button again to scan again

## 3.3. Main specifications

Operating temp	33~42.9℃	Weight	80g(Battery included)
Measuring Time	1second	Use Environment	4~40℃, Relative humidity≤85%
Measuring Distance	5~10cm	Storage temp	-20~40℃, Relative humidity≤85%
LCD Display	±0.1℃	Power	DC3V(2*AAA)
Accuracy	±0.2℃	Size	150(L)×44(W)×25(D)mm

## 4. Specifications and features

- ① As the distance from the object to be measured increases, the size of the measurement focus increases and the accuracy decreases. (Maintain an appropriate distance of 3-10cm)
- ② The object to be measured must be larger than the focus size. The smaller the object, the shorter the measurement distance.

## 5. Additional Options

- ① Transition from Celsius(℃) ↔ to Fahrenheit(°F).  
\*Press the button for 3 seconds while the power is on.
- ② Automatic storage and inquiry of 20 measurements.  
\*Press the button 3 times in a row while the power is on.

## 6. Cautions

- ① Do not use solvent to clean the lens.
- ② Do not immerse the product in water.
- ③ If sudden temperature change occurs, it takes about an hour for the product to stabilize.
- ④ Do not place the product near high temperature objects or EMF (electromagnetic field) arc welding machines or induction heaters.
- ⑤ This product is not a medical device

**Warning: Do not point the infrared pointer directly or indirectly at your eyes**

**FCC Interference Statement**

This equipment 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 radio 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 this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, 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 equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

**FCC Caution**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.