

**ITEM NO: ME501**



## **Non-contact Temperature Monitor (Infrared thermometer)**

**Measurement method:** Non-contact infrared

**Measuring range:**

Body: 35°C-42°C(95F-107.9F)

Surface:0°C-100°C(32F-212F)

**Size:** 150x96x43mm

**Certificate:**

CE Certification

Chinese White List

ISO Certification



### **Specification**

Non-contact, fast response time, and safe use infrared thermometer. A highly sensitive thermo-electric sensor ensures the accuracy of measurements. The overall design of the instrument conforms to ergonomics for comfort of operation.

### **Recommended use**

- Effective distance: 3cm-5cm
- Measurement accuracy:  $\pm 0.3^{\circ}\text{C}/0.6\text{F}$
- Resolution:  $0.1^{\circ}\text{C}/\text{F}$
- Response time: 1 second
- Induction wavelength: 7-14um
- Best working conditions:  $10^{\circ}\text{C}-40^{\circ}\text{C}$  (50F-104F); Rh<80% Non-condensing
- Power Supply: 2x1.5V AAA
- Power consumption: Off States $\leq 10\mu\text{A}$ ; Working States $\leq 30\text{mA}$
- Low battery indication: Voltage $\leq 2.5\text{V}$
- Battery life(alkaline batteries): 12hours
- Display: Two-colors backlight: Green:  $<37.4^{\circ}\text{C}$  Red: $\geq 37.4^{\circ}\text{C}$
- Temperature unit:  $^{\circ}\text{C}/\text{F}$
- Automatic shutdown function: 15 seconds
- Storage Environment:  $-20^{\circ}\text{C}-60^{\circ}\text{C}$  10-95%RH non-condensing

### **Packaging and shelf life:**

- Amount: 80PCS/Carton
- Weight:12.4kg/Carton
- Carton Size: 51.8x38.8x33.5cm

### **Instructions**

Make sure the distance is 3cm-5cm perpendicular to the forehead, then press the measurement key to complete the measurement and display the result.

Read the data according to the display results to determine whether the temperature exceeds the alarm value. When the measured body temperature excess  $37.4^{\circ}\text{C}$ , the screen backlight is red, and then the display is green. If the instrument is not operated for 15 seconds, it will automatically shut down.