

# IR Thermometer

○ ACCURATE

● QUICK

● EASY

Model No.: MS-IT02K

## Introduction:

The IR thermometer can determine the surface temperature by measuring the amount of infrared energy radiated by the target's surface or by contact using a thermocouple probe as well as ambient temperature. IR thermometer is specially designed for use in heating, ventilating, and air conditioning (HVAC) applications.

## Advanced Features:

- Triple mode temperature measurement:
  - a) Object (Surface)
  - b) Ambient (Air)
  - c) Thermocouple ('K' type)
- Wide temperature measurement:
  - a) Object (Surface) from  $-50^{\circ}\text{C} \sim 600^{\circ}\text{C}$  ( $-58^{\circ}\text{F} \sim 1112^{\circ}\text{F}$ )
  - b) Ambient (Air) from  $-20^{\circ}\text{C} \sim 70^{\circ}\text{C}$  ( $-4^{\circ}\text{F} \sim 158^{\circ}\text{F}$ )
  - c) Thermocouple ('K' type) measureable from  $-50^{\circ}\text{C} \sim 1000^{\circ}\text{C}$  ( $-58^{\circ}\text{F} \sim 1832^{\circ}\text{F}$ )
- Resolution:  $0.1^{\circ}\text{C}$  ( $0.1^{\circ}\text{F}$ )
- Max. / Min. / Diff. / Avg. reading
- Hi / Lo alarm
- Emissivity: 0.05 - 1.00
- Distance to spot (D:S): 12:1
- Laser pointer
- Back light
- Audible sound
- Hold / Freeze reading
- 'K' type temperature Ni-Cr and Ni-Si sensor, temperature range from  $-40^{\circ}\text{C}$  ( $^{\circ}\text{F}$ )  $\sim 250^{\circ}\text{C}$  ( $482^{\circ}\text{F}$ ) provided



Object Temp.  
Measurement



Ambient Temp.  
Measurement



'K' Type Sensor  
Measurement

