

AMT099 Multifunction IR Thermometer

Features:

1. Multiple function measurement: It can be rapidly and accurately measured surface temperature, environment temperature, fluorescence detection and dew point temperature with Compact size. Come with a K-thermocouple, you can use it test the interior temperature. All of these can be displayed on the LED screen.
2. Mildew alarm, temperature bridge alarm. Build in UV light for leakage detection of air conditioning system.
3. Smart design: Auto alerts when the measured temperature exceeds the lower/upper limit settings (The limit temperature can be set by yourself); Built-in red laser for precisely aiming. Distance Spot Ratio: 12:1; UV light which can be turned on and off independently; Auto-power off function activates after 25 seconds of none work and low battery indicator.
4. High definition LCD and anti-skidding grip: Cleaner, specific and bigger data on the color LCD screen, makes it more easier to know the data at a glance. Packed by a well made leather pouch to protect, the handhold is anti-skidding design, comfortable grip and easy battery replacement.
5. Wide range application: The temperature within the range $-50^{\circ}\text{C}\sim 800^{\circ}\text{C}$ ($-58^{\circ}\text{F}\sim 1472^{\circ}\text{F}$) can be measured in a safe manner without contacting with the surface, and the response time is less than 500ms. Temperature gun can be used for cooking, automobile maintenance, HVAC real estate, fire-watch, electrical engineering and more.

Specifications:

1. IR Temperature range: $-50\sim 800^{\circ}\text{C}$ / $-58\sim 1472^{\circ}\text{F}$; Accuracy: $\pm 1.5\%$
2. K type: $-40\sim 500^{\circ}\text{C}$ / $-40\sim 932^{\circ}\text{F}$; Accuracy: $\pm 1.5\%$
3. Ambient: $-20\sim 60^{\circ}\text{C}$ / $-4\sim 140^{\circ}\text{F}$; Accuracy: $\pm 0.5^{\circ}\text{C}/1^{\circ}\text{F}$
4. Dew point: $-10\sim 40^{\circ}\text{C}$ / $-14\sim 122^{\circ}\text{F}$; Accuracy: $\pm 1.5^{\circ}\text{C}/3^{\circ}\text{F}$
5. Resolution: $0.1^{\circ}\text{C}/^{\circ}\text{F}$
6. Humidity: 5~95%RH; Accuracy: $\pm 4\%$ RH
7. Distance to spot size: 12:1
8. Emissivity: 0.10~1.00 adjustable
9. Spectral response: 8~14 μm
10. Response time: less than 0.5 second
11. Power: 1 x 6F22 9V battery (not included)
12. Size: 163 x 97 x 45mm
13. Weight: 130g