

**GENERAL®**

# Ultra Wide-range IR Thermometer with "K" Port

**Ideal for measuring high temperatures safely — from a distance. Industrial applications include operation and maintenance of furnaces and heat exchangers.**

## Features:

- Extremely wide measurement range
- Adjustable emissivity
- Laser targeting ring
- Port for included "K" type thermocouple for making contact surface temperature measurements
- Releasing trigger holds measurement
- Stores/recalls 100 data sets (measured temp + emissivity setting)
- Min/Max/Avg/Dif displays
- Adjustable Hi and Lo temperature alarm setpoints
- Large backlit LCD w/dual 4-digit readouts
- Auto power off
- °C/°F and laser on/off buttons
- Low battery indicator
- CE and RoHS approved

**30:1 D:S**



**\* Includes  
"K" Port  
& Probe**

**\* Adjustable  
Emissivity**

IR Range = -58° to 1472°F (-50° to 800°C)  
K (TC) Range = -40° to 2372°F (-40° to 1300°C)

**Laser radiation!  
Do not stare into beam!**

**CE  
RoHS**

**No. IRT730K**



**Looking for hot spots under the hood**



# Ultra Wide-range IR Thermometer with "K" Port

## Specifications:

**IRT Distance to Spot (D:S) Ratio:** 30:1

**IRT Measurement Range:**  
-58° to 1472°F (-50° to 800°C)

**IRT Measurement Accuracy:**  
±7.2°F (4°C) from -58° to 32°F (-50° to 0°C);  
±1.5% of reading or ±3.6°F (2°C), whichever  
is greater, from 32° to 752°F (0° to 400°C);  
±2% of reading or ±3.6°F (2°C), whichever is  
greater, from 752° to 1472°F (400° to 800°C)

**IRT Measurement Resolution:**  
0.1° (F or C) below 1000°; 1° above 1000°

**IRT Emissivity:** Adjustable from 0.1 to 1.0  
in 0.01 steps with default of 0.95

**"K" Port Measurement Range:**  
-40° to 2372°F (-40° to 1300°C)

**Range of Included Probe:**  
-40° to 500°F (-40° to 260°C)

**Accuracy of Included Probe:**  
±(2% + 2 digits)

**Response Time:** < 500msec

**Laser Power:** <1mW (Class 2) @ wavelength  
of 630 to 670nm

**Spectral Response:** 8 to 14µm

**Operating Temperature:**  
32° to 122°F (0° to 50°C) @10 to 90%RH

**Auto Power Off Trigger:**  
30 seconds of front-panel inactivity

**Dimensions:** 7.6 x 3.8 x 3.3 in.  
(192 x 95 x 83mm)

**Weight:** 9.7 oz. (275g)

**Power Source:** 1 "9V" battery (included)

## Includes:

"K" Type Bead Thermocouple Probe,  
Soft Pouch, Battery, User's Manual,  
3 Year Limited Warranty



No. IRT730K



Ideal for checking a catalytic converter



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