

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





**Industrial site inspection** 

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

## **Specifications:**

IRT Distance to Spot (D:S) Ratio: 50:1

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

**IRT Measurement Range:** 

-76° to 2732°F (-60° to 1500°C)

IRT Measurement Accuracy:  $\pm 1.8^{\circ}\text{F} (1.0^{\circ}\text{C}) \text{ from } 59^{\circ} \text{ to } 95^{\circ}\text{F} (15^{\circ} \text{ to } 35^{\circ}\text{C}) @ \text{ Tamb } \text{ of } 77^{\circ}\text{F} (25^{\circ}\text{C}); \pm (2\% \text{ of reading or } 3.6^{\circ}\text{F} (2^{\circ}\text{C})), \text{ whichever is greater, from } -27^{\circ} \text{ to } 59^{\circ}\text{F} (-33^{\circ} \text{ to } 15^{\circ}\text{C}) \text{ and from } 95^{\circ} \text{ to } 2732^{\circ}\text{F} (35^{\circ} \text{ to } 1500^{\circ}\text{C}) @ \text{ Tamb } \text{ of } 73.4^{\circ} \pm 5.4^{\circ}\text{F} (23^{\circ} \pm 3^{\circ}\text{C})$ 

IRT/"K" Port Measurement Resolution: 0.1° (F or C) below 1000°; 1° at and above 1000°

**"K" Port Measurement Range:** -83° to 2552°F (-64° to 1400°C)

"K" Port Measurement Accuracy: ±(2% of reading +3.6°F/2°C) or ±5.4°F (3°C), whichever is greater, @ Tamb of 73.4° ± 10.8°F (23° ±6°C)

**Display Type/Size:** 2 in. (51mm) diagonal backlit LCD with 0.5 in. (13mm) high digits on temperature readoutnd

Response Time: <1 second

Laser Power: <1mW (Class 2) @ wavelength of 635 to 660nm

Operating Temperature: 32° to 122°F (0° to 50°C)

Auto Power Off Trigger: 60 seconds of front-panel inactivity in IRT mode; ; 12 minutes of front-panel inactivity in "K" port mode

**Dimensions:** 7.99 x 7.76 x 1.85 in. (203 x 197 x 47mm)

Weight (including batteries): 13.6 oz. (386g)

Power Source: 2 "AAA" batteries (not included)

**Battery Life:** 

180 hours (typical) of continuous use with lasers and backlight off

## **Includes:**

Hard Plastic Protective Case, User's Manual, 1 Year Limited Warranty





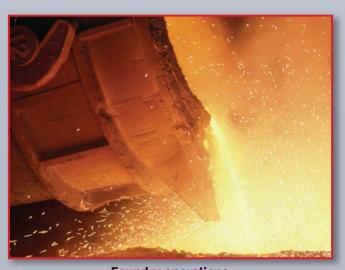
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