

# 412 - Infrared Thermometer with Laser Sighting and Thermocouple Jack

The 412's innovative design incorporates a non-contact infrared thermometer with laser sighting to measure surface temperatures and a type K thermocouple jack to measure internal temperatures. Accepts all type K probes and has a distance to spot ratio of 12:1, single-spot laser sighting, high and low alarms and back-lit LCD for easy temperature viewing.



## Specifications

- Temperature range:  
**Infrared:** -76° to 932°F / -60° to 500°C  
**Thermocouple jack:** -83° to 1999°F / -64° to 1400°C
- Accuracy:  
**Infrared:**  $\pm 4^{\circ}\text{F}$  /  $\pm 2^{\circ}\text{C}$  or 2% of reading whichever is greater  
**Thermocouple jack:**  $\pm 2^{\circ}\text{F}$  /  $\pm 1^{\circ}\text{C}$  or  $\pm 1\%$  of reading whichever is greater
- Resolution: 0.1°F / °C
- Emissivity: default 0.95 (adjustable from 0.10 to 1.00)
- Response time: (90%) 1 second
- Auto shut-off:  
**Infrared:** after 60 seconds of non-use  
**Thermocouple jack:** after 12 minutes of non-use
- Fahrenheit / Celsius selectable
- Distance to spot: 12:1
- Single point laser sighting
- Modes: max, min, dif, avg, hold, lock and prb
- LCD backlight
- Battery: 2 AAA 1.5v Alkaline (included)
- Soft carrying case (included)
- CE certified, WEEE marked, RoHS compliant
- One year warranty



## Packaging

- Individually unit package weight: 11 oz (312 grams)
- Package dimensions (L x W x H): 6.125" x 3" x 10" (155 x 76 x 254 mm)
- Package cube: 0.11
- Units per clamshell (1) / Units per master carton (6)



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