

# IRT227 12:1 Infrared Thermometer with Type K Input

## Measures Non-Contact Infrared, Type K, and Air Temperature

### Features:

- Instantly measure the temperature of objects without making contact
- Built-in laser identifies the measurement area
- 0.05 to 1.00 adjustable emissivity
- Audible and Visual High/Low Temperature Alarms
- Type K thermocouple input for high temperature measurements
- Min/Max/Avg/Diff
- Backlit LCD display with selectable °F or °C readout
- Automatic Data Hold
- Auto power off after 10 seconds
- Battery capacity indicator
- Optional model complete with Certificate of Traceability to N.I.S.T.
- Includes Type K bead probe and 9V battery
- 1-year warranty

### Applications:

- For measuring the surface temperature of solid objects as well as in liquids and ambient temperature

### Specifications

IR Temperature Range	-58 to 1112°F (-50 to 600°C)
Accuracy	±3% or 4°F/2°C
Resolution	0.1°F/°C
Distance to Target Ratio	12:1
Response Time	<500ms
Emissivity	0.05 to 1.00 adjustable
Laser	Single point
Type K Temperature	-58 to 1832°F (-50 to 1000°C)
Accuracy	±(3% + 1.8°F/1°C)
Air Temperature	-4 to 158°F (-20 to 70°C)
Accuracy	±3.6°F/2°C
Power	9V battery
Dimensions	6 x 4.7 x 1.7" (153 x 120 x 42mm)
Weight	4.9oz (138g)

### Ordering Information:

IRT227 12:1 Infrared Thermometer with Type K  
IRT227-NIST IRT227 with Certificate of Traceability to N.I.S.T.

