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:

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IRT227-NIST   IRT227 with Certificate of Traceability to N.I.S.T.

✓RoHS   CE