

FEATURES

- Auto Hold
- Adjustable emissivity
- Audible and visible alarm
- IR mode
- Built-in laser sighting
- Type K
- Sighting by Laser marker

RS PRO 1327K Infrared Thermometer, Max Temperature +1350°C, $\pm 0.1\%$, Centigrade, Fahrenheit

RS Stock No.: 123-2217



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

RS PRO 1327K is a pocket-sized, easy-to-use pistol grip infrared thermometer (sometimes called laser thermometers or non-contact thermometers). It enables surface temperature measurement by Infrared non-contact or by using a plug-in type-K thermocouple probe. The thermometer has an integral laser to assist sighting the Infrared sensor in making non-contact measurements of items that may be inaccessible or hazardous to touch (such as rotating machinery or high-voltage busbars).

General Specifications

Model Number	RS-1327K
Temperature Range	-150°C to 1350°C (-238°F to 1999°F)
Best Accuracy	± 0.1°C or ± 0.1% of reading
	±0.2% ±1°C(2°F) @ -150°C to 0°C (-238°F to 32°F)
	±0.1% ±1°C(2°F) @ 0°C to 200°C (32°F to 200°F)
Display Type	LCD backlit
Distance to Spot Ratio	12:1
Spectral response	6 to 14um
Emissivity	0.17 to 1
Display resolution	0.1°C (0.2°F)
Temperature Scale	Centigrade / Fahrenheit
Low Battery Indication	Yes
Over range indication	Yes
Auto Power Off	Yes
Internal memory	99 set
Applications	Food preparation / Safety and Fire inspections / Plastic moulding
Calibration Availability	Yes

Electrical Specifications

Battery Included	Yes
Battery Type	9V
Battery Life	100 Hours

Mechanical Specifications

Dimensions	46mm × 118mm × 172mm
Length	46mm
Width	118mm
Height	172mm
Weight	220g

Environmental Specifications

Operating temperature	0°C to 50°C
Storage temperature	-10°C to 60°C
Operating humidity	Below 80%RH
Operating altitude	2000 meters

Approvals

Compliance/Certifications	EN61340
Declarations	RoHS Certificate of Compliance

