

FEATURES

- Auto HOLD
- Adjustable emissivity
- Audible and visible alarm
- MAX / MIN reading
- Built-in laser sighting

RS PRO 1327 Infrared Thermometer, Max Temperature +500°C, ±2 %, Centigrade, Fahrenheit

RS Stock No.: 123-2216



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 1327 is a pocket-sized, easy-to-use pistol grip IR thermometer (sometimes called laser thermometers or non-contact thermometers) for making surface temperature measurements. It has a built-in laser to assist in sighting the sensor. Its Liquid Crystal Display has a backlight function which can be turned on to assist measurements made in dark places. Other features which maximise operating convenience include reading auto-hold, auto power-off and maximum and minimum readings. The instrument does not rely on physical contact with the object which is having its temperature taken but measures the radiated infrared energy emanating from that object.

General Specifications

Model Number	RS-1327
Temperature Range	-20°C to 500°C (-4°F to 932°F)
Best Accuracy	± 2.0°C or ± 2% of reading
Display Type	LCD backlit
Distance to Spot Ratio	10:1
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	50 set
Applications	HVAC / Medical and healthcare environment / Environmental Testing / Scientific and Educational
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	IEC 60825-1 / EN 60825-1
Declarations	RoHS Certificate of Compliance



