



## REED R2005 Infrared Thermometer, 30:1, 1922°F (1050°C), Integrated Type K Thermocouple

This infrared thermometer has a Type K thermocouple input which allows a user to connect probes that measure up to 2498°F (1370°C). Featuring a 30:1 distance to spot ratio, the R2005 has the ability to track maximum, minimum, average and differential readings. It also includes a trigger lock for continuous monitoring, the ability to set high/low audible alarms and store up to 20 datapoints in internal memory.

Specifications	Details
Accuracy	(FOR IR THERMOMETER)-58 to -4°F (-50 to -20°C): $\pm 9^{\circ}\text{F}(5^{\circ}\text{C})$  -4 to 392°F (-20 to 200°C): $\pm 1.5\%$ rdg. +3.6°F (2°C)  392 to 1000°F (200 to 538°C): $\pm 2.0\%$ rdg. + 3.6°F (2°C)  1000 to 1922°F (538 to 1050°C): $\pm 3.5\%$ rdg. + 9°F (5°C)
Resolution	0.1°F (0.1°C) <input type="checkbox"/>
Dimensions	3.9 x 2.2 x 9.0
Response Time	<1 sec
Display Size/Type	1.6
Backlit Display	Yes
Auto shut-off	Yes (after 8 secs)
Internal Memory	Yes (20 datapoints)
Operating Temperature	32 to 122°F (0 to 50°C)
Storage Temperature	-4 to 140°F (-20 to 60°C)
Operating Humidity Range	10-90%
Optical Resolution (D:S)	30:1
Spectral Response	8 to 14μm
Emissivity	0.1 to 1.0 (Adjustable)
Display Hold	Yes

Specifications	Details
Max/Min	Yes
Brand	Reed Instruments
Weight	10.2oz (290g)
Temp Range	-58 to 1922Â°F (-50 to 1050Â°C)
Thermocouple Input	Yes
Laser Class	Class II
Low Battery Indicator	Yes

