

# RAYTEMP® 28 INFRARED THERMOMETER

- Integral type K thermocouple socket
- Ideal for high temperature applications
- Dual laser for precise targeting
- Stores the last 12 readings

The RayTemp 28 is a professional infrared, non-contact thermometer with dual laser dot alignment, incorporating a 30:1 optic ratio (target distance/diameter ratio), enabling users to measure small targets from a distance or any item that is difficult to reach.

Featuring a three-button keypad, the RayTemp 28 allows the user to select the mode required, i.e. max, min, differential or average temperatures, view the max/min and configurable high/low alarms. Adjustable emissivity enabling the user to measure a variety of surface types.

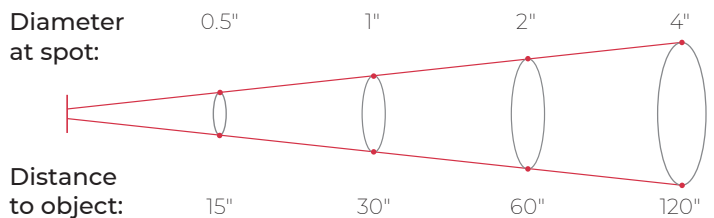
The unit has a clear, easy to read, custom LCD display that features a backlight for when ambient light levels are low and an auto-power off facility that turns the instrument off after 35 seconds, maximising battery life. The thermometer is housed in a robust IP54 splashproof case to help reduce the possibility of damage in harsh environments and is supplied in a protective ABS carrying case.

- **Two instruments in one**

The RayTemp 28 incorporates a miniature thermocouple type K probe socket that enables a wide range of type K thermocouple probes to be used for a variety of temperature measurement applications, including air, liquid and surface temperatures. For details of compatible type K thermocouple probes, see pages 75 to 81.



INFRARED



Specification	RayTemp 28
Range - infrared	-50 to 1350 °C
Range - probe	-50 to 1370 °C
Resolution	0.1 °C to 1000 °C thereafter 1 °C
Accuracy - infrared	±2 °C (0 to 1350 °C) otherwise ±4 °C or ±4 % of reading whichever is greater
Accuracy - probe	±1 °C or ±1 % of reading whichever is greater
Field of view	Target ratio 30:1
Emissivity	0.95 default - adjustable 0.1 to 1
Battery & life	9 volt PP3 - 40 hours continuous use
Display	Custom LCD
Dimensions	83 x 95 x 192 mm
Weight	275 grams

Order code	Description
814-028	RayTemp 28
The RayTemp 28 is exclusive of probe	