

RayTemp[®] 28 Infrared Thermometer

ideal for high temperature applications



- auto-power off, display hold & backlight functions
- wide temperature range -50 to 1370 °C
- robust IP54 housing for durability
- dual laser for precise targeting



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

The thermometer features a three-button keypad, allowing 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 allows the user to measure a variety of surface types.

The RayTemp 28 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. Each unit is housed in a robust IP54 splash-proof 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 57 to 62.



order code	description
814-028	RayTemp 28
	<i>the RayTemp 28 is exclusive of probe</i>

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
accuracy - probe	±1 °C ±1 % of reading
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

