

RayTemp® 8 Infrared Thermometer

with integral type K thermocouple socket

- temperature range IR -60 to 500 °C, probe -64 to 1370 °C
- includes differential & average temperatures
- 2-in-1 instrument
- target ratio 12:1



The RayTemp 8 portable infrared thermometer is compact, lightweight and easy to use. Simply aim and pull the trigger to display the temperature of the item being measured. The thermometer displays temperature over the range of -60 to 500 °C.

Featuring a clear, easy to read, LCD display with low battery indication, the RayTemp 8 incorporates an auto-power off facility that turns the instrument off after 60 seconds, maximising battery life. The unit features an eight dot circle laser indicator, which allows you to precisely target the diameter of the area to be measured. As you move closer or further from the target the laser circle changes diameter.

The three-button keypad, allows the user to select °C/°F and max/min. Additionally, the difference between the max and min temperature and the average temperature can be displayed.



two instruments in one

The RayTemp 8 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 59 to 64.



RayTemp 8 infrared kit

each kit contains:

- RayTemp 8 infrared thermometer (814-045)
- penetration probe (123-160)
- FREE mini tub of 70 Probe Wipes (836-022)
- FREE ABS carrying case (834-740)



order code	description
814-045	RayTemp 8
860-845	RayTemp 8 kit
830-040	protective nylon pouch
834-740	ABS carrying case

the RayTemp 8 is exclusive of probe

specification	RayTemp 8
range - infrared	-60 to 500 °C
range - probe	-64 to 1370 °C
resolution	0.1 °C/°F (-9.9 to 199.9 °C) or 1 °C
accuracy - infrared	±2 % of reading or ±2 °C whichever is greater
accuracy - probe	±1 % of reading or ±1 °C whichever is greater
field of view	target ratio 12:1
emissivity	0.95 default - adjustable 0.1 to 1
battery & life	2 x 1.5 volt AAA - 180 hours continuous use
display	custom LCD
dimensions	40 x 66 x 155 mm
weight	185 grams