

# RayTemp™ 4

## infrared thermometer

- ✓ range -49.9 to +399.9°C
- ✓ continuously displays the maximum temperature
- ✓ target ratio 9:1
- ✓ laser dot alignment



The RayTemp 4 infrared thermometer is a compact and lightweight non-contact instrument that is easy to use. Simply aim, pull the trigger and display the temperature of the item being measured. In addition the LCD will display the maximum temperature.

The RayTemp 4 measures temperature over the range of -49.9 to +399.9°C with an assured accuracy of  $\pm 1^\circ\text{C}$  over the range of 0 to +65°C, outside of this range  $\pm 2^\circ\text{C}$  of reading in an ambient temperature of between +15°C and +25°C, with a repeatability of  $\pm 1^\circ\text{C}$  of reading.

The instrument incorporates a clear, easy to read, LCD display with low battery, laser and backlight indication and an auto power off facility that turns the instrument off after 15 seconds, maximising battery life. The RayTemp 4 is ideal for measuring pipe surface temperatures in the HVAC, enabling the user to measure ducts and pipework in difficult to reach areas. The unit can be used by anyone as there is no need to focus or adjust the instrument.

The RayTemp 4 is equipped with a 9:1 optic ratio (target distance/diameter ratio) with a laser dot alignment, as standard, to assist in pin-pointing the area of measurement. If the target is 45cm away, the measurement zone will be 5cm across. The emissivity is fixed at 0.95 making this instrument more suitable for HVAC and general purpose applications in a wide range of industries.



### optional accessories

The protective PVC pouch helps to protect the instrument against accidental damage. A hard ABS carrying case is also available, ideal for transporting the instrument safely. The pouch and carrying case can also be used for the RayTemp 3 and 8.

The Comparator provides an inexpensive way of checking the temperature of infrared thermometers when used in conjunction with a Reference thermometer (see page 87).



specification	RayTemp 4
range	-49.9 to +399.9°C
resolution	0.1°C or °F (-9.9 to +199.9°C) otherwise 1°C
infrared accuracy	$\pm 1^\circ\text{C}$ (0 to +65°C) otherwise $\pm 2^\circ\text{C}$
field of view	target ratio 9:1
emissivity	0.95 fixed
battery	2 x AAA alkaline
battery life	180 hours continuous use
display	custom LCD
dimensions	39 x 72 x 175mm
weight	180 grams

order code	description
814-070	RayTemp 4 thermometer
830-040	protective PVC pouch
834-740	small hard carrying case
814-132	aluminium Comparator

