

# Mini RayTemp<sup>®</sup>

## infrared thermometer

- temperature range -50 to 330 °C
- compact, lightweight & easy to use
- laser dot alignment
- target ratio 12:1

The Mini RayTemp infrared thermometer is a compact, lightweight and low cost infrared thermometer. Simply aim and pull the trigger to display the temperature of the item being measured.

This infrared thermometer measures temperature over the range of -50 to 330 °C with an assured accuracy of  $\pm 2$  °C over the range of 0 to 330 °C, outside of this range (-50 to 0 °C) accuracy is  $\pm 4$  °C.

The Mini RayTemp has a clear, easy to read, LCD display with low battery, backlight indication and an auto-power off facility that turns the instrument off after ten seconds, maximising battery life. This thermometer is ideal for numerous temperature measurement applications where contact with the item to be measured is an issue.

The unit also incorporates laser assisted alignment as standard, to assist in pin-pointing the area of measurement. The unit incorporates a 12:1 optic ratio (target distance/diameter ratio) and a fixed emissivity of 0.95 making it suitable for a wide range of industrial applications.



order code	description
814-080	Mini RayTemp
830-040	protective nylon pouch
814-132	Comparator

### optional accessories

- protective nylon pouch with belt strap (830-040)
- Comparator (814-132)

### low cost calibration checker

The Comparator provides an inexpensive way of checking the temperature of infrared thermometers when used in conjunction with a Reference thermometer, see pages 18 or 19 for details.



specification	Mini RayTemp
range	-50 to 330 °C
resolution	0.1 °C/°F
accuracy - infrared	$\pm 2$ °C (0 to 330 °C) otherwise $\pm 4$ °C
field of view	target ratio 12:1
emissivity	0.95 fixed
battery	9 volt PP3
battery life	80 hours continuous use
display	custom LCD
dimensions	36 x 88 x 131 mm
weight	130 grams

