

# MINI RAYTEMP® INFRARED THERMOMETER

- Target distance/diameter ratio 12:1
- Laser dot alignment
- Backlit LCD display
- Compact, lightweight & easy to use

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

Measuring 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 or  $\pm 4$  % whichever is greater. The Mini RayTemp has a clear, easy to read, LCD display with low battery indication, backlight and an auto-power off facility that turns the instrument off after ten seconds, maximising battery life.

Ideal for numerous temperature measurement applications where contact with the item to be measured is an issue. The Mini RayTemp features 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 food and industrial applications.

- **Low cost calibration checker**

The Comparator (814-132) provides an inexpensive way of checking the temperature of infrared thermometers when used in conjunction with a Reference thermometer, see pages 97 and 98 for details.



Order code	Description
814-080	Mini RayTemp
830-040	Protective nylon pouch
814-132	Comparator



**OPTIONAL ACCESSORY:**

- Protective nylon pouch with belt strap (830-040)



Specification	Mini RayTemp
Range	-50 to 330 °C
Resolution	0.1 °C/°F
Accuracy	$\pm 2$ °C (0 to 330 °C) otherwise $\pm 4$ °C or $\pm 4$ % whichever is greater
Field of view	Target ratio 12:1
Emissivity	0.95 fixed
Battery & life	9 volt PP3 - 80 hours continuous use
Display	Custom LCD
Dimensions	36 x 88 x 131 mm
Weight	143 grams

INFRARED