

# RayTemp® 3 Infrared Thermometer

ideal for the foodservice industry

- $\pm 1$  °C accuracy over the critical food range
- 8 dot circular laser for precise targeting
- compact, lightweight & easy to use
- temperature range -60 to 500 °C



The RayTemp 3 infrared thermometer is compact, lightweight and easy to use. Simply aim and pull the trigger to display the temperature of the item being measured. In addition the LCD will display the maximum temperature.

The RayTemp 3 measures temperature over the range of -60 to 500 °C with an assured accuracy of  $\pm 1$  °C over the critical food range of 0 to 65 °C, outside of this range  $\pm 2$  °C of reading in an ambient temperature of between 15 °C and 25 °C, with a repeatability of  $\pm 1$  °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 3 is ideal for measuring food surface temperatures, eliminating the need to touch or contaminate the food you are measuring, avoiding the risk of cross-contamination. The unit can be used by anyone, as there is no need to focus or adjust the instrument.

Each RayTemp 3 thermometer features a single push button, allowing the user to select °C or °F. The thermometer also incorporates an 8 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 unit incorporates a 12:1 optic ratio (target distance/diameter ratio) and a fixed emissivity of 0.97 making it more suitable for chilled and frozen foods, although this thermometer can be used for a wide range of other applications.



## optional accessories

- protective nylon pouch with belt strap (830-040)
- ABS carrying case - ideal for transporting the RayTemp infrared thermometer (834-740)

## 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 93 and 94 for details.



## Comparator

order code	description	£ each
814-040	RayTemp 3	50.00
830-040	protective nylon pouch	5.00
834-740	ABS carrying case	13.50
814-132	Comparator	32.00

specification	RayTemp 3
range	-60 to 500 °C
resolution	0.1 °C (-9.9 to 199.9 °C) or 1 °C
accuracy - infrared	$\pm 1$ °C (0 to 65 °C) otherwise $\pm 2$ °C or $\pm 2$ % of reading whichever is greater
field of view	target ratio 12:1
emissivity	0.97 fixed
battery	2 x 1.5 volt AAA
battery life	140 hours continuous use
display	custom LCD
dimensions	40 x 66 x 155 mm
weight	180 grams

