

RayTemp™ 3

infrared thermometer

- ✓ simple push button operation
- ✓ range -59.9 to +499.9°C
- ✓ assured accuracy of $\pm 1^\circ\text{C}$ over the range of 0 to +65°C
- ✓ ideal instrument for catering & food processing

The RayTemp 3 infrared thermometer is compact, lightweight and 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 3 measures temperature over the range of -59.9 to +499.9°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 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 features a single push button, allowing the user to select °C or °F. The thermometer also incorporates laser assisted alignment as standard, to assist in pin-pointing the area of measurement. The unit incorporates an 11:1 optic ratio (target distance/diameter ratio) and a fixed emissivity of 0.97 making it more suitable for chilled and frozen foods, although this infrared thermometer can be used for a wide range of other applications.



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 thermometer safely. The pouch and carrying case can also be used for the RayTemp 4 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 3
range	-59.9 to +499.9°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 11:1
emissivity	0.97 fixed
battery	2 x AAA alkaline
battery life	140 hours continuous use
display	custom LCD
dimensions	39 x 72 x 175mm
weight	180 grams

order code	description
814-040	RayTemp 3 thermometer
830-040	protective PVC pouch
834-740	small hard carrying case
814-132	aluminium Comparator

