



RayTemp™ 3

infrared digital thermometer

- ✓ fast surface temperature measurement
- ✓ temperature range -60 to +500°C
- ✓ 0.1°C or 0.1°F resolution (switchable)
- ✓ compact, lightweight & easy to use
- ✓ laser assisted alignment
- ✓ 11:1 optic ratio & fixed emissivity of 0.97



order code model
 814-040 0.1 °C or 0.1°F

optional accessories
 830-040 protective pouch

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 -60 to +500°C with an assured accuracy of $\pm 2\%$ / $\pm 2^\circ\text{C}$ 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, an auto power off facility that turns the instrument off after 15 seconds, maximising battery life. The RayTemp 3 is ideal for measuring food temperatures, eliminating the need to touch or contaminate the food you are measuring, avoiding the risk of cross-contamination. It can be used by anyone as there is no need to focus or calibrate 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. An optional protective pouch is available.

specification	RayTemp 3
temperature range	-60 to +500°C (-25 to +575°F)
resolution	0.1°C or 0.1°F switchable (-9.9 to +199.9°C)
accuracy	$\pm 2\%$ of reading or $\pm 2^\circ\text{C}$ whichever is greater
ambient temperature range	+15 to +25°C
field of view	11:1 optics ratio
emissivity	0.97 fixed
battery	2 x MN2400 (AAA)
battery life	140 hours continuous use
display	custom LCD
case dimensions	39 x 72 x 175mm
case material	ABS plastic
weight	180 grams

warranty & guarantee

The above instrument carries a one-year warranty and guarantee against defects in components or workmanship. During this period, products that prove to be defective will, at the discretion of ETI, be either repaired or replaced without charge. This warranty does not apply to probes, where a six-month period is offered. In line with our policy of continuous development, we reserve the right to amend our product specification without prior notice.



These instruments comply with the EMC Directives
 EN 50081-1 : 1992, EN 50082-1: 1992