

RayTemp® 38 Infrared Thermometer

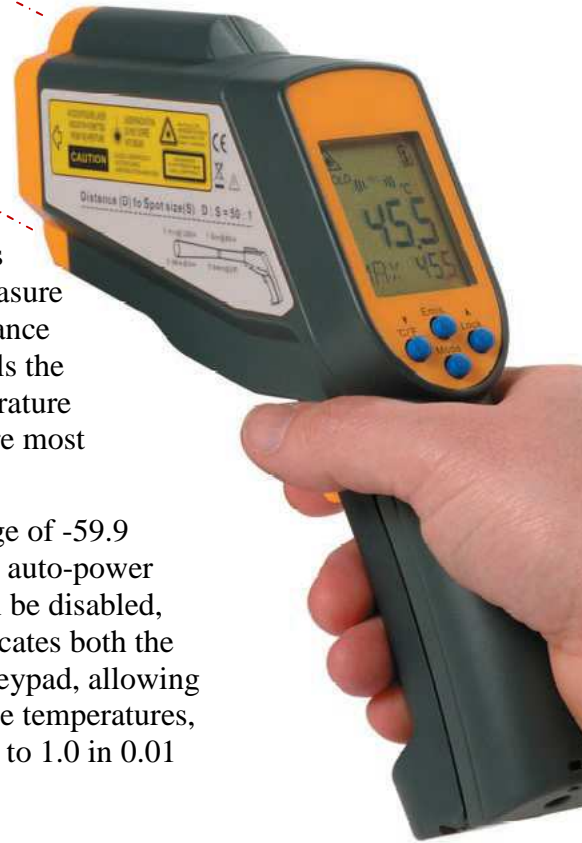
Ideal for high temperature applications

- Target ratio 50:1 for measuring small targets
- Wide temperature range -59.9 to 999.9 °C
- Auto power off & backlight facilities
- Robust housing for durability

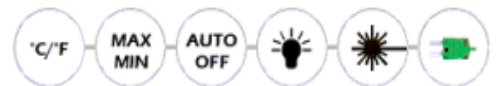
The RayTemp 38 is a professional infrared, gun-shaped, non-contact thermometer with dual laser dot alignment. The thermometer incorporates a 50:1 optic ratio (target distance/diameter ratio), this enables users to measure small targets from a distance. The user stands a safe and comfortable distance from the target, points the thermometer at the surface to be measured, pulls the trigger and instantly reads the temperature. Ideal for measuring the temperature of any other item that is difficult to reach. This enables the user to measure most surfaces accurately and quickly.

This infrared thermometer measures the surface temperature over the range of -59.9 to 999.9 °C with a 0.1 °C/°F resolution. The RayTemp 38 incorporates an auto-power off facility that turns the instrument off after 60 seconds, this function can be disabled, if required. Each unit incorporates a backlit custom LCD display that indicates both the temperature and the emissivity. The thermometer features a four-button keypad, allowing the user to select the mode required, i.e. max, min, differential and average temperatures, view the max/min high and low alarms and adjust the emissivity from 0.1 to 1.0 in 0.01 increments (default set at 0.95).

The RayTemp 38 is two instruments in one as it incorporates a thermocouple socket that will accept a type K thermocouple probe. Each RayTemp 38 is supplied in a protective ABS carrying case. An optional strong magnetic holder is also available. The holder screws into the bottom of the thermometer's housing, allowing the unit to be mounted onto a metal surface for continuous monitoring.



Magnetic Holder



Specification	RayTemp 38
Range	-59.9 to 999.9 °C
Resolution	0.1 °C/°F
Infrared Accuracy	±2 % of reading or ±2 °C whichever is greater
Field of View	Target ratio 50:1
Emissivity	0.95 default 0.1 - 1.0 adjustable in 0.01 increments
Battery Life	180 hours continuous use
Battery	2 x AAA alkaline
Display	Custom LCD
Dimensions	47 x 197 x 203 mm
Weight	386 grams

Order Code	Description
814-038	RayTemp 38
814-150	Magnetic Holder
The Ray Temp 38 is exclusive of probe	