



RayTemp™ 8

infrared & probe thermometer

- ✓ two instruments in one
- ✓ IR temperature range -60 to +500°C
- ✓ TC temperature range -64 to +1370°C
- ✓ 0.1°C or 0.1°F resolution (switchable)
- ✓ max/min and average temperatures
- ✓ laser dot assisted alignment
- ✓ 11:1 optic ratio
- ✓ default emissivity of 0.95 - adjustable



order code **model**
 814-045 0.1 °C or 0.1°F

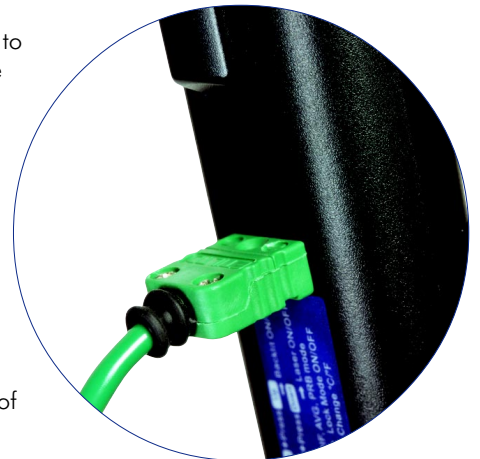
optional accessories
 830-040 protective pouch

The RayTemp 8 portable gun-shaped infrared thermometer is compact, lightweight and easy to use. Simply aim, pull the trigger and display the temperature of the item being measured. The LCD display gives a digital read-out of temperature over the range of -60 to +500°C.

The instrument incorporates a clear, easy to read, LCD display with low battery indication. The RayTemp 8 infrared thermometer incorporates an auto power off facility that turns the instrument off after 60 seconds, maximising battery life. The unit features a laser dot alignment for ease of use. The RayTemp 8 features a four-button keypad, allowing the user to select °C/°F and max/min, additionally, the difference between the maximum and minimum temperature and the average temperature can be displayed.

two instruments in one

The RayTemp 8 infrared thermometer incorporates a miniature thermocouple type K probe socket which enables a wide range of type K thermocouple probes to be used for a variety of temperature measurement applications, including: air, liquid and surface temperatures.



| specification | RayTemp 8 |
|----------------------------------|--|
| temperature range - infrared | -60 to +500°C (-25 to +575°F) |
| temperature range - thermocouple | -64 to +1370°C |
| resolution | 0.1°C or 0.1°F switchable (-9.9 to +199.9°C) |
| accuracy - infrared | ±2% of reading or ±2°C whichever is greater |
| accuracy - thermocouple | ±1% of reading or ±1°C whichever is greater |
| ambient temperature range | +15 to +25°C |
| field of view | 11:1 optics ratio |
| emissivity | 0.95 default - adjustable 0.10 to 1.00 |
| 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

