



## Raptor non-contact infrared thermometer with K Type function

**Product code - R00190**

The Raptor non-contact infrared thermometer can be used to measure the temperature of a whole range of surfaces including liquids and semi-solids. This hand-held thermometer can give °C/°F temperature readings via laser beam, or K type probe (supplied with a K type 1m wire thermocouple only).

It also offers an extra feature of UV light, used to identify leaks where fluorescent agents are applied.

Supplied in a handy case for extra protection.



### Technical

- Infrared temperature measuring range (non-contact): -50°C ~ 800°C / -58°F ~ 1472°F
- Infrared accuracy range -50°C ~ 0°C ± 3°C / 0°C ~ 800°C ± (1.5% reading +2°C/4°F)
- K Type temperature measuring range: -40°C ~ 500°C / -40°F ~ 932°F
- K Type accuracy range: ± (1.5% reading +2°C / 4°F) (K Type probes not included)
- Distance to spot ratio (D:S): 12:1
- Emissivity: 0.10 ~ 1.00
- Response spectrum: 8 ~ 14µm
- Laser output: <1mW ~ Class 2
- Wavelength: λ = 630 - 660nm
- Beam divergence: 1mrad
- Response time: <0.5s
- Power supply: 9V 6F22 battery (included)

### Feature

- Back-lit colour LCD screen
- °C/°F Option
- Data hold function
- Low battery indicator
- Auto power off (after 15 secs)
- Alarm indicator
- UV light
- K Type socket
- Indicative laser ring
- Supplied with a K Type 1m wire thermocouple

### Compliance

- RoHS
- EMC
- EN60584-1 (thermocouple)
- EN60584-3 (thermocouple)
- EN60825-1
- EN62471



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The information contained on this page was correct at date of issue. Fitting dimensions are provided as a guide only. Some variation may occur due to manufacturing tolerances. We pursue a policy of continuing improvement in design and performance of products and so reserve the right to change specifications without prior notice.

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The Specialist Merchant