

# Product data sheet

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## DUAL LASER INFRARED THERMOMETER

High specification, dual laser infrared thermometers with precise infrared measurement using built in laser pointers and K-type input capabilities.

### Product features:

- Precise IR and K-Type input temperature measurement
- Standard or high range models
- °C/°F selectable
- REC datalogger function for 12 points
- Automatic range selection, data hold and power off function
- MAX/MIN/DIF/AVG record
- Trigger lock
- Supplied in protective bag
- Built-in dual laser pointers
- Adjustable emissivity: 0.1 to 1.0
- Adjustable High/Low alarm
- Large backlit LCD
- Includes 1pc thermocouple wire

### Product specifications:

<b>IR Temperature range:</b>	<b>38/705/0:</b> -50 to 500°C (-58 to 932°F)
<b>IR Temperature range:</b>	<b>38/706/0:</b> -50 to 1050°C (-58 to 1922°F)
<b>K-type temperature range:</b>	-50 to 1370°C (-58 to 2498°F)
<b>Optical resolution (D:S):</b>	<b>38/705/0:</b> 13:1
	<b>38/706/0:</b> 30:1
<b>Response time:</b>	<250ms
<b>Response wavelength:</b>	8 to 14μ
<b>IR Basic accuracy:</b>	-50 to 0°C/°F: +/- 4°C/7°F
	0 to 500°C/°F: +/- 1.5%/±2°C/3.6°F
	-50 to 1370°C/°F: +/- 1.5% +/-1°C/1.8°F
<b>K-type basic accuracy:</b>	Adjustable 0.1 to 1.0
<b>Emissivity:</b>	0.1°C/°F
<b>Resolution:</b>	0 to 50°C <95%RH (non-condensing)
<b>Operating conditions:</b>	-20 to 70°C <80%RH
<b>Storage conditions:</b>	Storage of 12 readings
<b>Memory:</b>	1 second
<b>Response time:</b>	1 x 9V (included)
<b>Battery:</b>	Compliant
<b>CE &amp; RoHS/WEEE:</b>	See <a href="http://www.brannan.co.uk">www.brannan.co.uk</a> for information
<b>Hazard information (SDS):</b>	35 x 35mm
<b>LCD dimensions:</b>	Packaged: 250 x 125 x 65mm
<b>Product dimensions:</b>	Unpackaged: 192 x 97 x 59mm
<b>Product Gross weight:</b>	Packaged: 418g
<b>Component weights:</b>	Meter: 294g
	Protective bag: 53g
	Box: 71g

### Note: field of view

The meters' field of view, or distance to spot (D:S) indicates the distance required from the target spot. For example, where the field of view is 13:1, the thermometer should be 13cm from the target area. The diameter of the target must be at least 1cm.

Description	Barcode	Product no
Standard range (D:S 13:1)	5 011405 387059	38/705/0
High range (D:S 30:1)	5 011405 387066	38/706/0
Replacement thermocouple wire	n/a	38/698/0



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