

Product data sheet

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COMPACT INFRARED THERMOMETER



Features:

- Compact infrared thermometer with built-in laser pointer for fast and precise non-contact measurement
- Choice of temperature ranges and distance to spot ratio
- Supplied complete with factory certificate of calibration
- Two temperature ranges available - see table below
- 3 point traceable calibration available on request (additional charge applies).
- Over range indication
- Large backlit LCD
- Data hold and power off function
- Supplied in individual box with protective pouch
- **Brannan** quality and accuracy
- Full instructions and battery included
- CE, WEEE and RoHS compliant

Standard product specifications:

Product number	38/703/0	38/704/0
IR Temperature range	-50 to 500°C&F	-50 to 800°C&F
Optical resolution (D:S)	12:1	
Product dimensions	134 x 89 x 36mm	
LCD dimensions	34.5 x 25mm	
Emissivity	Fixed at 0.95	
Response time	<500ms	
Response wavelength	8 to 14µm	
Basic accuracy*	+/-2%, +/-2°C / 4°F	
Resolution	0.1°C/°F	
Operating conditions	0 to 50°C <95%RH (non-condensing)	
Storage conditions	-20 to 70°C <80%RH	
Diode laser	Output <1mW, wavelength 630 to 670, class II	
Battery	1 x 9V (included)	

* Accuracy is listed as best across the range. Individual product data sheets are available for full accuracy details.

NB: 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 12:1, the thermometer should be 12cm from the target area. The diameter of the target must be at least 1cm.

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