



# Product Data Sheet

www.brannan.co.uk

## Hand Held Infrared Thermometer

### Product Features

- Supplied with 3 point Calibration Certificate
- Built-in laser pointer
- Large backlit LCD
- Packed in individual box with protective pouch
- Over range indication
- Data hold and power off function

### Product Specifications

|                                  |   |
|----------------------------------|---|
| <b>IR Temperature Range:</b>     | -50 to 350°C (-58 to 662°F) - 38/701/0<br>-50 to 550°C (-58 to 1022°F) - 38/702/0           |
| <b>Optical Resolution (D:S):</b> | 13:1  |
| <b>Emissivity:</b>               | Fixed at 0.95   |
| <b>Response Time:</b>            | <500ms  |
| <b>Response Wavelength:</b>      | 8 to 14µm   |
| <b>Accuracy:</b>                 | +/-4°C between -50 & 0°C<br>+/-2%, +/-2°C over 0°C  |
| <b>Resolution:</b>               | 0.1°C/°F  |
| <b>Calibration Points:</b>       | 30, 100 & 350°C - 38/701/0<br>30, 100 & 450°C - 38/702/0                                    |
| <b>Operating Conditions:</b>     | 0 to 50°C <95%RH (non-condensing)   |
| <b>Storage Conditions:</b>       | -20 to 70°C <80%RH  |
| <b>Diode Laser:</b>              | Output <1mW, Wavelength 630 to 670, class II  |
| <b>Battery:</b>                  | 1 x 9V (included)   |
| <b>CE &amp; RoHS/WEEE:</b>       | Compliant   |
| <b>Hazard Information (SDS):</b> | See www.brannan.co.uk for information   |
| <b>Product Dimensions:</b>       | Packaged: 180 x 111 x 62mm<br>Unpackaged: 155.5 x 98.8 x 27.5mm                             |
| <b>LCD Dimensions:</b>           | 26.5 x 25.6mm   |
| <b>Product Gross Weight:</b>     | Packaged: 273g  |
| <b>Component Weights:</b>        | Meter: 172g (including battery)<br>Protective pouch: 40g<br>Display Box & Instructions: 61g |



38/701/0



38/702/0

### 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 |
|--------------------------------------|-----------------|------------|
| Infrared Thermometer: -50 to 350°C&F | 5 011405 387011 | 38/701/0   |
| Infrared Thermometer: -50 to 550°C&F | 5 011405 387028 | 38/702/0   |

PDS 0265:18:R7

Please note: all information on this data sheet is correct at the time of printing, but our policy is one of continuous product development. We reserve the right to change specification without notice.



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