

# THERM-cert range

## Product data sheet

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### PRE-CALIBRATED JUMBO MAX MIN THERMOMETER & HYGROMETER

High accuracy thermometer pre-calibrated at two fixed temperature points and part of the Brannan **THERM-cert** range. White moulded case with two displays for indoor temperature and humidity or outdoor temperature. Complete with 2m long cable for the outdoor probe, standard hanging hook. Replacement probe also available.

#### Product functions:

- High accuracy thermometer supplied with traceable calibration certificate
- Maximum and minimum recording facility
- Celsius and Fahrenheit switchable
- 2m cable to external sensor
- Main body includes magnet, clip and stand.

#### Product specifications:

- Temperature range:** Indoor: -10 to +50°C&F  
Accuracy: +/- 1°C  
Outdoor: -50 to +70°C&F  
Accuracy: +/-1°C between -10 and 60°C otherwise +/-2°C
- Humidity range:** 20 to 90% RH  
Accuracy: +/-5%RH between 30 and 90%RH otherwise +/-7%RH
- Calibration:** 2 points @ 0 and 35°C
- Resolution:** 0.1°C / 1%RH
- Battery:** AAA or equivalent x 1 piece
- CE/ROHS/WEEE:** Compliant
- Hazard information:** See [brannan.co.uk](http://brannan.co.uk) for information (SDS)
- Product material:** ABS
- Thermistor probe:** 2m cable with stainless steel probe
- LCD dimensions:** 60mm x 80mm
- Product dimensions:** Net: 103mm x 98mm x 21mm  
Gross: 125mm x 100mm x 23mm
- Product weight:** Net: 121g (incl. battery & probe)
- Display box weight:** Packaging card: 20.5g (incl. instruction sheet)  
Bubble bag: 1g  
Gross: 141.5g



| TRACEABLE CALIBRATION CERTIFICATE  |                        |                                  |                               |
|--|------------------------|----------------------------------|-------------------------------|
| ISSUED BY : S.Brannan and Sons Limited   |                        |                                  |                               |
| CALIBRATION DATE   | CERTIFICATE NUMBER     | SERIAL NUMBER                    |                               |
| <p>S. Brannan and Sons Ltd. Telephone: +44 (0)1946 816600<br/>           Licensed Industrial Estate Fax: +44 (0)1946 816601<br/>           Chester Road Email: sales@brannan.co.uk<br/>           Curdridge, Haverhill, Norfolk, Norfolk, ENGLAND Website: www.brannan.co.uk<br/>           EADS 508 Calibration No: 246801/1</p>  |                        |                                  |                               |
| <p>Instrument Type: ELECTRONIC THERMISTERS<br/>           Range: -50/70°C&amp;F<br/>           Resolution: 0.1°C<br/>           Immersion: 30mm</p>  |                        |                                  |                               |
| Thermistor Temp. (°C)  | Calibration Error (°C) | Emergent Column Temperature (°C) | Standard Instrument Reference |
| 0  | 0.0                    | N/A                              | 246801/1 246801/2             |
| 34.9   | 35.0                   | N/A                              | 246801/1 246801/2             |
| <p>Signed: S. Moran Calibration Assistant and Approved Signatory</p>   |                        |                                  |                               |
| Laboratory Temperature 20°C +/- 0.5°C  |                        | Laboratory Humidity 20% to 90%   |                               |
| <p>S. Brannan and Sons operate an ISO9001 certified Quality Management System in order to ensure the accuracy and reliability of every instrument we produce.<br/>           The readings were determined by comparison with traceable standard instruments, the reference numbers of which are shown above.<br/>           This requirement that periodic recalibration should be carried out on this instrument partly, but the recalibration frequency is best determined by the user depending upon the frequency and conditions of use, as well as the level of accuracy required by the process.</p> |                        |                                  |                               |

| Description  | Calibration points           | Product no |
|--|------------------------------|------------|
| THERM-cert pre-calibrated jumbo max min thermometer and hygrometer | 2 fixed points at 0 and 35°C | TC-006     |

