

# THERMcert™ range

## Product data sheet

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### PRE-CALIBRATED DIGITAL FRIDGE OR FREEZER THERMOMETER

High accuracy thermometer pre-calibrated at two fixed temperature points as part of the Brannan **THERMcert™** range. Digital thermometer to show room temperature and the temperature of fridge or freezer. The alarm sounds and the LEDs lights flash for 5 seconds every minute if the temperature goes outside the safety zone. Recalibration of your thermometer is recommended on an annual basis to ensure continued accuracy. Please contact our sales team for information.



#### Product features:

- High accuracy thermometer supplied with traceable calibration certificate
- Choice of calibration points to suit various applications
- Displays fridge or freezer temperature and room temperature simultaneously
- Alarm sounds and LEDs flash if fridge or freezer temperature falls outside safe zones for food
- Large LCD
- 1m cable and suction cup for external measurement
- Adhesive pad for fixture to appliance
- Supplied with battery and full instructions

#### Product specifications:

|                                  |  |
|----------------------------------|--|
| <b>Temperature range:</b>        | -40 to +70°C&F (switchable)  |
| <b>Ambient operating temp.:</b>  | -10 to +50°C&F   |
| <b>Resolution:</b>               | 0.1°C*   |
| <b>Accuracy:</b>                 | +/-1°C between 0 and +40°C,<br>otherwise +/-2°C                              |
| <b>Calibration:</b>              | 2 points @ 0 and 35°C or -18 and 0°C   |
| <b>Battery:</b>                  | 1pc x AAA (supplied)   |
| <b>CE/ROHS/WEEE:</b>             | Compliant  |
| <b>Hazard information (SDS):</b> | See <a href="http://brannan.co.uk">brannan.co.uk</a> for information         |
| <b>Probe length:</b>             | 1m (with suction cup)  |
| <b>LCD dimensions:</b>           | 58mm x 12mm  |
| <b>Product dimensions:</b>       | Net: 26mm x 135mm x 18mm<br>Gross: 275mm x 240mm x 44mm                      |
| <b>Product weight:</b>           | Net: 63g<br>Display box: 18g<br>Gross: 97g (incl. certificate and packaging) |

| TRACEABLE CALIBRATION CERTIFICATE  |                         |                            |   |               |  |
|--|-------------------------|----------------------------|---|---------------|--|
| ISSUED BY : S.Brannan and Sons Limited   |                         |                            |   |               |  |
| CALIBRATION DATE   |                         | CERTIFICATE NUMBER         |   | SERIAL NUMBER |  |
| <div style="display: flex; justify-content: space-between;"> <div> <p>S. Brannan and Sons Ltd.<br/>Leconfield Industrial Estate<br/>Cleator Moor<br/>Cumbria<br/>ENGLAND<br/>CA28 5QE</p> </div> <div style="text-align: center;">  <p>Thermometers<br/>and Cans</p> </div> <div> <p>Telephone: +44 (0) 1946816600<br/>Fax: +44 (0) 1946816625<br/>E Mail: <a href="mailto:sales@brannan.co.uk">sales@brannan.co.uk</a><br/>Web: <a href="http://www.brannan.co.uk">www.brannan.co.uk</a><br/>Registered No: 286512 ENGLAND</p> </div> </div> |                         |                            |   |               |  |
| <p>Specification: TWIN READING FRIDGE FREEZER THERMOMETER</p> <p>Instrument Type: ELECTRONIC THERMOMETER</p> <p>Range: -50/70°C&amp;F</p> <p>Resolution: 0.1°C</p> <p>Immersion: 76mm</p>  |                         |                            |   |               |  |
| Thermometer Reading  | Calibration Temperature | Element Column Temperature | Standard Instrument References  |               |  |
| °C   | °C                      | °C                         |   |               |  |
| -0.1   | 0                       | N/A                        | 246801/1  | 246801/2      |  |
| 5.1  | 35.0                    | N/A                        | 246801/1  | 246801/2      |  |
| <p>Signed:  S. Moran</p> <p>Laboratory Temperature 20°C +/- 5°C</p>   |                         |                            | <p>Calibration Assistant and Approved Signatory</p> <p>Laboratory Humidity 20% to 90%</p> |               |  |
| <p><small>S.Brannan and Sons operate an ISO9001 certified Quality Management System in order to ensure the accuracy and reliability of every instrument we produce.</small></p> <p><small>The readings were determined by comparison with traceable standard instruments, the reference numbers of which are shown above.</small></p> <p><small>We recommend that periodic recalibration should be carried out on this instrument yearly, 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.</small></p> |                         |                            |   |               |  |



| Description   | Calibration points   | Product no | Recalibration product no |
|---|----------------------|------------|--------------------------|
| THERMcert™ pre-calibrated digital fridge or freezer thermometer | Fixed at 0 and 35°C  | TC-008     | TC-008-RECALIBRATION     |
|   | Fixed at -18 and 0°C | TC-021     | TC-021-RECALIBRATION     |

**Measurement for life.**

