

# THERM-cert range

## Product data sheet

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## PRE-CALIBRATED FOLDING PROBE THERMOMETER

High accuracy thermometer pre-calibrated at two fixed temperature points and part of the Brannan **THERM-cert** range.

Foldable thermometer with stainless steel sensor probe, adjustable from 0 to 180 degrees, to allow different angle viewing. The probe folds away conveniently for easy storage when not in use. Suitable for a variety of uses including HVAC, food processing, agriculture, laboratory and energy management.

### Product features:

- High accuracy thermometer supplied with traceable calibration certificate
- Foldable probe for convenient use and easy storage
- Stainless steel probe adjusts from 0° to 180°
- Protection to IP 65
- One second temperature sensing time
- Auto power on when probe is opened more than 30° angle
- Auto power off when probe is closed less than 30° angle
- Wrist strap and battery included

### Product specifications:

**Temperature range:** -50 to +250°C/°F (switchable)

**Accuracy:** -50 to -21°C: +/- 4°C (8°F)

-20 to -1°C: +/- 1.5°C (3°F)

0 to +100°C: +/- 1°C (2°F)

101 to 150°C: +/- 1.5°C (3°F)

151 to 200°C: +/- 4°C (8°F)

201 to 250°C: +/- 5%

**Calibration:** 2 points @ 0 and 90°C

**Sample rate:** 1 second

**Resolution:** 0.1°C

**Battery:** LR44 x 1 pc

**CE/ROHS/WEEE:** Compliant

**Hazard information (SDS):** See [brannan.co.uk](http://brannan.co.uk) for information

**LCD dimensions:** 15mm x 32mm

**Probe dimensions:** 85mm x ø3.5mm

**Product dimensions:** Net: 45mm x 125mm x 18mm (with probe closed)



Gross: 275mm x 240mm x 37mm

**Product weight:** Net: 50g (incl. battery & wrist strap)

Display box: 12g

Gross: 78g (incl. certificate and packaging)



TRACEABLE CALIBRATION CERTIFICATE				
ISSUED BY : S.Brannan and Sons Limited				
CALIBRATION DATE		CERTIFICATE NUMBER		SERIAL NUMBER
<div>S. Brannan and Sons Ltd. Leconfield Industrial Estate Cleator Moor Cumbria ENGLAND CA28 9QE</div> <div> Thermometers and Gauges</div> <div>Telephone: +44 (0) 1946 816600 Fax: +44 (0) 1946 816625 E Mail: <a href="mailto:sales@brannan.co.uk">sales@brannan.co.uk</a> Web: <a href="http://www.brannan.co.uk">www.brannan.co.uk</a> Registration: 296912 ENGLAND</div>				
Instrument Type: ELECTRONIC THERMOMETER				
Range: -50/250°C&F				
Resolution: 0.1°C				
Immersion: 76mm				
Thermometer Reading	Calibration Temperature	Immersion Column Temperature	Standard Instrument References	
0.1°C	0.1°C	N/A	246801/1	246801/2
90.0°C	90.0°C	N/A	246801/1	246801/2
<div>Signed:  Calibration Assistant and Approved Signatory</div> <div>Laboratory Temperature 20°C +/- 5°C</div> <div>Laboratory Humidity 20% to 90%</div> <div></div> <div><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. The readings were determined by comparison with traceable standard instruments, the reference numbers of which are shown above. 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></div>				

Description	Calibration points	Product no
THERM-cert pre-calibrated Folding probe thermometer	2 fixed points at 0 and 90°C	TC-002



Measurement for life.

