

THERM-cert™ range

Product data sheet

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PRE-CALIBRATED WEATHERSTATION



High accuracy thermometer pre-calibrated at two fixed temperature points and part of the Brannan **THERM-cert™** range. Max min thermometer with silvered front and black trim. Large display with simultaneous reading of temperature and humidity. Complete with stand or hook for wall hanging and 2m cable for outdoor probe.

Product features:

- High accuracy thermometer supplied with traceable calibration certificate
- Indoor and outdoor temperature measurement
- Simultaneous readings of indoor temperature and humidity
- Minimum and maximum value recording
- Celsius and Fahrenheit readings (selectable)
- Visual reading indicators: dry, wet and comfortable symbols
- 2m probe cable for remote reading
- Desk stand and hanging hook
- Battery and full instructions included
- Replacement probe cable available

Product specifications:

Temperature range:	Indoor: -10 to +50°C&F Outdoor: -50 to +70°C&F
Temperature accuracy:	+/-1°C between -10 and 60°C otherwise +/-2°C
Humidity range:	20 to 90%RH
Humidity accuracy:	+/-5%RH between 30 and 90%RH otherwise +/-7%RH
Resolution:	0.1°C / 1%RH
Sampling rate:	1 reading per 25 seconds
Battery:	1pc x AAA (included)
Product material:	ABS casing, stand and key.
Thermistor probe:	2m cable with stainless steel probe
Storage conditions:	-20 to +60°C&F / 20 to 80%RH
CE/RoHS/WEEE:	Compliant
LCD dimensions:	35mm x 52mm
Product dimensions:	Net: 98mm x 74mm x 17mm Gross: 275mm x 240mm x 35mm
Product weights:	Net: 79g (including battery and probe) Display box & instructions: 32g Gross: 127g (incl. certificate and packaging)

TRACEABLE CALIBRATION CERTIFICATE
ISSUED BY: S.Brannan and Sons Limited

CALIBRATION DATE	CERTIFICATE NUMBER	SERIAL NUMBER		
<p>S. Brannan and Sons Ltd. Licenced Industrial Estate Chatter Road Gurnea ENGLAND GL4 5SE</p> <p>Brannan Thermometers and Gauges</p> <p>Telephone: 01946 816600 Fax: 01946 816601 Email: sales@brannan.co.uk Website: www.brannan.co.uk</p>				
<p>Instrument Type: WEATHERSTATION Range: -50/+70°C&F Resolution: 0.1°C Immersion: 300mm</p>				
Thermometer Temp. °C	Chamber Temp. °C	Emergent Column Temperature °C	Standard Instrument References	
0.1	0.0	N/A	246801/1	246801/2
34.9	35.0	N/A	246801/1	246801/2
<p>Signed: S. Moran Laboratory Temperature 20°C +/- 0.1°C</p>			<p>Calibration Assistant and Approved Signatory Laboratory Humidity 20% to 80%</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.
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 agreed for all instruments used, 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.

Description	Calibration points	Product no
THERM-cert™ pre-calibrated twin thermometer and humidity meter	2 fixed points at 0 and 35°C	TC-020



Measurement for life.

