

THERM-cert range

Product data sheet

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TC-100 - PRE-CALIBRATED LABORATORY THERMOMETER RANGE



The **THERM-cert™** range of liquid-in-glass thermometers are calibrated at two or three separate points across their working range. These thermometers are supplied complete with a traceable calibration certificate and are presented in a sturdy cardboard cylinder for storage.

This range of thermometers are fully manufactured and certified in our factory in the UK and delivery is available within 7 working days.

Product features:

- Choice of two or three point calibration
- Choice of temperature ranges, thermometer lengths and blue or red spirit fillings
- 76mm partial or total immersion
- Safe, non mercury filling
- Thermometer supplied in individual, resealable plastic tube
- Presented in protective cardboard storage cylinder
- Made in England

Measurement for life.



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Product specifications:

Product material: Glass tube with Kerosene filling
Product dimensions: Ø6.5mm x length (see table below)
Product net weight: 205mm thermometer: 17g
 305mm thermometer: 24g
 405mm thermometer: 34g
CE/RoHS/WEEE: N/A
Hazard Information (SDS): [See brannan.co.uk for information](http://brannan.co.uk)

Standard product numbers:

Tube length	Range	Divisions	No of points*	76mm immersion		Total immersion	
				Product number	Accuracy	Product number	Accuracy
405mm	-1 to +40°C	0.1°C	2 points	50/500/0	+/-1.0°C @ 35°C	50/510/0	+/-0.5°C @ 35°C
	-1 to +40°C	0.2°C	2 points	50/501/0	+/-1.0°C @ 35°C	50/511/0	+/-0.5°C @ 35°C
	-1 to +51°C	0.1°C	2 points	50/502/0	+/-1.0°C @ 35°C	50/512/0	+/-0.5°C @ 35°C
	-1 to +51°C	0.2°C	2 points	50/503/0	+/-1.0°C @ 35°C	50/513/0	+/-0.5°C @ 35°C
	-1 to +101°C	0.2°C	3 points	50/504/0	+/-1.0°C @ 90°C	50/514/0	+/-1.0°C @ 90°C
	-1 to +201°C	0.5°C	3 points	50/505/0	+/-2.0°C @ 90°C	50/515/0	+/-2.0°C @ 90°C
	-1 to +250°C	1.0°C	3 points	50/506/0	+/-2.0°C @ 90°C	50/516/0	+/-2.0°C @ 90°C
	-50 to +50°C	1.0°C	2 points	50/552/0	+/-1.0°C @ 0°C	50/557/0	+/-1.5°C @ 35°C
305mm	-100 to +50°C	1.0°C	2 points	-	-	50/555/0	+/-2.0°C @ 0°C
	-35 to +50°C	0.5°C	2 points	50/520/0	+/-1.0°C @ 35°C	50/525/0	+/-1.0°C @ 35°C
	-20 to +110°C	0.5°C	3 points	50/521/0	+/-1.0°C @ 90°C	50/526/0	+/-1.0°C @ 90°C
	-20 to +150°C	0.5°C	3 points	50/522/0	+/-1.0°C @ 90°C	50/527/0	+/-1.0°C @ 90°C
	-10 to +50°C	0.5°C	2 points	50/523/0	+/-0.5°C @ 35°C	50/528/0	+/-0.5°C @ 35°C
205mm	-10 to +110°C	1.0°C	3 points	50/530/0**	+/-1.5°C @ 90°C	50/535/0**	+/-1.5°C @ 90°C
	-10 to +150°C	1.0°C	3 points	50/531/0	+/-2.0°C @ 90°C	50/536/0	+/-2.0°C @ 90°C

* Calibration points for two point calibration are 0 & 35°C. Calibration points for three point calibration are 0, 35 & 90°C

** 50/530/0 & 50/535/0 are filled red spirit, all others thermometers have a blue spirit filling

Packing specifications:

The precision thermometer is supplied in resealable, telescopic tube with certificate and are presented in a cardboard presentation cylinder.

Gross dimensions: 205mm & 305mm thermometers: 330mm x Ø40mm
 405mm thermometers: 420mm x Ø40mm

Product packaging weights:

Thermometer length	Thermometer in tube	Certificate	Certificate plastic sleeve	Presentation cylinder	Total/ gross weight
205mm	22.0g	4.5g	4.5g	53.5g	84.5g
305mm	30.0g	4.5g	4.5g	53.5g	92.5g
405mm	42.5g	4.5g	4.5g	69.0g	120.5g

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