

Product data sheet

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LAB040 - PRECISION LABORATORY THERMOMETERS WITH CERTIFICATE



Following the ban on specification mercury laboratory thermometers in October 2017, S.Brannan & Sons has developed a range of spirit filled, high precision thermometers. These thermometers are supplied complete with a traceable calibration certificate and are presented in a sturdy cardboard cylinder for storage. The thermometers are made to the highest possible standards and are checked at every stage of manufacture to the requirements of our ISO 9001 Quality Management System. In addition to our standard checks, these high precision specification thermometers are calibrated at two or three separate points across their working range. 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 polystyrene tray and cardboard box
- 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 overleaf)
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

Standard product numbers:

Tube length	Range	Divisions	No of points*	76mm immersion		Total immersion	
				Product number	Accuracy	Product number	Accuracy
405mm	0 to +40°C	0.1°C	2 points	50/500/0	+/-1.0°C @ 35°C	50/510/0	+/-0.5°C @ 35°C
	0 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	-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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