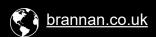


Product data sheet





LAB020 - LO-tox™ FILLED LABORATORY THERMOMETERS

LO-tox[™] is an organic filling specially chosen to achieve a wide temperature span and provide the lowest practical levels of hazard. The quality and legibility make these an ideal substitute for mercury thermometers. Each **LO-tox**[™] thermometer is fitted with a Brannan non-roll end cap which has a ring to allow the thermometer to be suspended. The thermometers are supplied as standard in individual, resealable, telescopic tubes then boxed in pack of 10 thermometers. These thermometers can be supplied with UKAS calibration certificate or statement of conformity on request, for an additional charge.

The tables below show our standard thermometers, however other ranges are available on request.

Product features:

- Choice of temperature ranges, thermometer lengths and coloured fillings
- 76mm partial or total immersion
- Safe, non mercury filling

Non-roll end cap

· Supplied in individual, resealable plastic tube

· Made in England

Product specifications:

Temperature ranges:See table overleafDivisions:See table overleafAccuracy:See table overleaf

Immersion:76mm partial or total immersionProduct material:Glass tube with Kerosene filling

(except * - special brown filling for high range)

Non-roll cap - Evoprene

Product dimensions: ø6.5mm x length (see table overleaf)

CE/RoHS/WEEE: N/A

Hazard information (SDS): See brannan.co.uk for information

Packing specifications:

The following are for packed thermometers.

Each thermometer is supplied in protective telescopic packing.

Pack of ten thernometers supplied in cardboard box.

Box Weight: 155mm thermometer box: 14.5g

305mm thermometer box: 20.5g 405mm thermometer box: 26.5g

Tube	Singl	e packed thermometer	Box of 10 packed thermometers		
length	Weight	Dimensions	Weight	Dimensions	
155mm	19.5g	195mm x 12mm x 12mm	210.5g	202mm x 67mm x 29mm	
305mm	30.5g	306mm x 12mm x 12mm	366g	312mm x 67mm x 29mm	
405mm	42.0g	406mm x 12mm x 12mm	447g	412mm x 67mm x 29mm	





Product data sheet



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Standard product numbers:

Range	Division Loryth		LO-tox	76mm Immersion		Total immersion	
°C only	Division	Length	colour	Accuracy	Product no	Accuracy	Product no
-10 to +50°C	1.0°C	155mm	Blue	-	-	+/-1.0°C @ 35°C	44/850/7
-10 to +110°C	1.0°C	155mm	Blue		-	+/-1.5°C @ 90°C	44/830/7
-35 to +50°C	1.0°C	305mm	Blue	+/-1.0°C @ 35°C	44/801/8	+/-1.0°C @ 35°C	44/809/8
-10 to +50°C	0.5°C	305mm	Blue	+/-0.5°C @ 35°C	44/800/8	+/-0.5°C @ 35°C	44/808/8
-20 to +110°C	1.0°C	305mm	Blue	+/-1.5°C @ 90°C	44/802/8	+/-1.5°C @ 90°C	44/810/8
-20 to +110°C	0.5°C	305mm	Blue	+/-1.5°C @ 90°C	44/802/9	+/-1.5°C @ 90°C	44/810/9
-20 to +150°C	1.0°C	305mm	Blue	+/-1.5°C @ 90°C	44/803/8	+/-1.5°C @ 90°C	44/811/8
-10 to +210°C	1.0°C	405mm	Blue	+/-2.0°C @ 90°C	44/805/8	+/-2.0°C @ 90°C	44/812/8
-10 to +260°C	1.0°C	405mm	Blue	+/-2.0°C @ 90°C	44/804/8	+/-2.0°C @ 90°C	44/813/8
-10 to +300°C	1.0°C	305mm	Brown	+/-2.0°C @ 90°C	44/815/0	+/-2.0°C @ 90°C	44/818/0
-10 to +330°C	2.0°C	305mm	Brown	+/-2.0°C @ 90°C	44/814/0	+/-2.0°C @ 90°C	44/827/0
-10 to +360°C	2.0°C	305mm	Brown	+/-2.0°C @ 90°C	44/826/8	+/-2.0°C @ 90°C	44/819/0
-1 to +51°C	0.1°C	405mm	Blue	+/-1.0°C @ 35°C	44/820/0	+/-0.5°C @ 35°C	44/821/0
-1 to +51°C	0.2°C	405mm	Blue	+/-1.0°C @ 35°C	44/822/0	+/-0.5°C @ 35°C	44/823/0
-1 to +101°C	0.2°C	405mm	Blue	+/-1.0°C @ 90°C	44/824/0	+/-1.0°C @ 90°C	44/825/0
Range		1	LO-tox	76mm Immersion		Total immersion	
°F only	Division	Length	Colour	Accuracy	Product no	Accuracy	Product no
-30 to +120°F	1.0°F	305mm	Blue	+/-2°F @ 95°F	44/801/5	+/-2°F @ 95°F	44/809/7
0 to +230°F	2.0°F	305mm	Blue	+/-2°F @ 194°F	44/802/7	+/-2°F @ 194°F	44/816/7
0 to +300°F	2.0°F	305mm	Blue	+/-2°F @ 194°F	44/803/7	+/-2°F @ 194°F	44/817/7
0 to +500°F	2.0°F	405mm	Blue	+/-2°F @ 194°F	44/804/7	+/-2°F @ 194°F	-

Range	District	Length	LO-tox	76mm Immersion		Total immersion	
°C&F	Division		colour	Accuracy	Product no	Accuracy	Product no
-20 to +110°C&F	1.0°C&F	305mm	Blue	+/-1.0°C @ 90°C	44/802/5	-	-
-20 to +150°C&F	1.0°C&F	305mm	Blue	+/-1.0°C @ 90°C	44/803/5	-	-
-0 to +260°C&F	1.0°C&F	405mm	Blue	+/-2.0°C @ 90°C	44/804/5	-	-

Note: Due to the chemical compound of the special liquid used in our high range brown spirit laboratory thermometers, there is a possibility that a black/brown stain may be present in the liquid column. This is unavoidable when we produce these thermometers with such a high temperature range, however, this does not affect the performance or accuracy of the thermometer in any way.



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