

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
- Non-roll end cap
- Made in England
- Safe, non mercury filling
- Supplied in individual, resealable plastic tube

Product specifications:

Ranges:	See table overleaf
Divisions:	See table overleaf
Accuracy:	See table overleaf
Immersion:	76mm partial or total immersion
Product Material:	Glass tube with Kerosene filling (except * - special brown filling for high range) Non-roll cap - Evoprene
Product Dimensions:	6.5mm dia 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 thermometers supplied in cardboard box.
Box Weight: 155mm thermometer box - 14g
 305mm thermometer box - 19.5g
 405mm thermometer box - 27g



Tube length	Single packed thermometer		Boxed pack of 10 thermometers	
	Gross weight	Dimensions	Gross weight	Dimensions
155mm	16.5g	193 x 13 x 13mm	179.0g	203 x 66 x 28mm
305mm	30.0g	306 x 13 x 13mm	319.5g	312 x 66 x 28mm
405mm	42.5g	406 x 13 x 13mm	452.0g	410 x 66 x 28mm

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Standard product numbers:

Range °C only	Division	Length	LO-tox colour	76mm Immersion		Total immersion	
				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	+/-1.0°C @ 90°C	44/802/8	+/-1.0°C @ 90°C	44/810/8
-20 to +110°C	0.5°C	305mm	Blue	+/-1.0°C @ 90°C	44/802/9	+/-1.0°C @ 90°C	44/810/9
-20 to +150°C	1.0°C	305mm	Blue	+/-1.0°C @ 90°C	44/803/8	+/-1.0°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 °F only	Division	Length	LO-tox Colour	76mm Immersion		Total immersion	
				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 °C&F	Division	Length	LO-tox colour	76mm Immersion		Total immersion	
				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	-	-



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