

Product data sheet

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LAB010 - GENERAL PURPOSE SPIRIT FILLED LABORATORY THERMOMETERS

These thermometers use specially selected filling material covering temperatures down to -100°C . Normal fillings are coloured red on a white back glass but alternative colours are available as shown. Thermometers normally supplied with a non-roll end cap which has a ring to allow the thermometer to be suspended. The thermometers are supplied as standard individual, resealable, telescopic tubes, boxed in pack of 10 thermometers.

All laboratory thermometers can be supplied with UKAS calibration certificate or statement of conformity on request. 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:

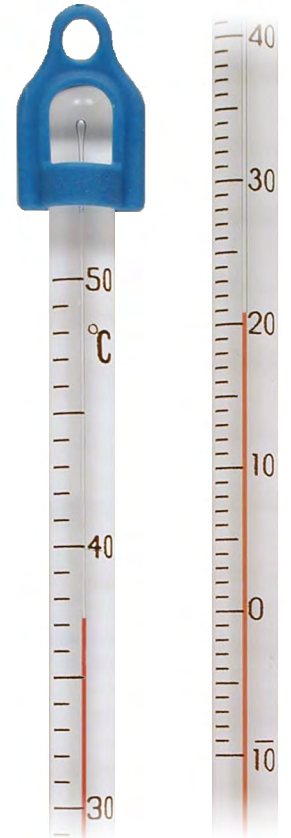
Temperature ranges:	See table overleaf
Divisions:	1.0°C or 0.5°C
Accuracy:	See table
Immersion:	76mm partial or total immersion
Product material:	Glass tube with spirit filling Non-roll cap - Evoprene
Product dimensions:	$\varnothing 6.5\text{mm}$ x length (see table overleaf)
Product net weights:	155mm length tube: 12g 205mm length tube: 17g 305mm length tube: 24g
CE/RoHS/WEEE:	N/A
Hazard Information (SDS):	See brannan.co.uk for information

Packing Specifications:

The following are for packed thermometers.

Pack of ten thermometers supplied in cardboard box.

Box Weights:	155mm thermometer box: 14.5g
	205mm thermometer box: 16.0g
	305mm thermometer box: 20.5g



Tube length	Single packed thermometer		Box of 10 packed thermometers	
	Weight	Dimensions	Weight	Dimensions
155mm	19.5g	195mm x 12mm x 12mm	210.5g	202mm x 67mm x 29mm
205mm	25.0g	206mm x 12mm x 12mm	256g	216mm x 67mm x 29mm
305mm	30.5g	306mm x 12mm x 12mm	366g	312mm x 67mm x 29mm

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Standard product numbers:

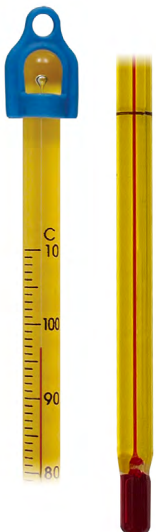
Range °C only	Divisions	Length	Filling colour	76mm immersion		Total immersion	
				Accuracy	Product no	Accuracy	Product no
-10 to +50°C	1.0°C	150mm	Red	-	-	+/-1.0°C @ 35°C	44/450/0
-10 to +110°C	1.0°C	150mm	Red	-	-	+/-1.5°C @ 35°C	44/430/0
-10 to +110°C	1.0°C	150mm	Green	-	-	+/-1.5°C @ 35°C	44/430/5#
-10 to +110°C	1.0°C	150mm	Blue	-	-	+/-1.5°C @ 35°C	44/430/7
-10 to +60°C	1.0°C	205mm	Red	+/-1.5°C @ 35°C	44/105/1	+/-1.5°C @ 35°C	44/105/2
-10 to +110°C	1.0°C	205mm	Red	+/-1.5°C @ 35°C	44/423/0	+/-1.5°C @ 35°C	44/100/4
-10 to +150°C	1.0°C	205mm	Red	+/-2.0°C @ 35°C	44/441/0	+/-2.0°C @ 35°C	44/442/0
-10 to +110°C	1.0°C	205mm	Green	+/-1.5°C @ 35°C	44/423/5#	-	-
-10 to +110°C	1.0°C	250mm	Red	+/-1.0°C @ 35°C	44/417/0	+/-1.0°C @ 35°C	44/107/1
-10 to +150°C	1.0°C	250mm	Red	+/-1.0°C @ 35°C	44/105/5	+/-1.0°C @ 35°C	44/100/5
-100 to +50°C	1.0°C	305mm	Red	+/-2.0°C @ 0°C	46/457/0	+/-2.0°C @ 0°C	46/456/0
-80 to +30°C	1.0°C	305mm	Red	-	-	+/-2.0°C @ 0°C	46/438/0
-50 to +50°C	1.0°C	305mm	Blue	+/-1.0°C @ 0°C	46/540/0	+/-1.5°C @ 35°C	46/539/0
-10 to +50°C	0.5°C	305mm	Red	+/-0.5°C @ 35°C	44/401/0	+/-0.5°C @ 35°C	44/401/1
-10 to +110°C	1.0°C	305mm	Red	+/-1.0°C @ 35°C	44/403/0	+/-1.0°C @ 35°C	44/010/8*
-10 to +110°C	1.0°C	305mm	Green	+/-1.0°C @ 35°C	44/403/5#	-	-
-10 to +110°C	1.0°C	305mm	Blue	+/-1.0°C @ 35°C	44/403/7	+/-1.0°C @ 35°C	44/010/7**
-10 to +110°C	0.5°C	305mm	Red	+/-2.0°C @ 90°C	44/803/0	-	-
-10 to +150°C	1.0°C	305mm	Red	+/-1.0°C @ 35°C	44/406/0	+/-1.0°C @ 35°C	44/011/8*
-10 to +200°C	1.0°C	305mm	Blue	+/-2.0°C @ 90°C	44/408/0	+/-2.0°C @ 90°C	44/408/1

* Range: -20 to+150°C.

** Range: -20 to+110°C.

Tri-top tube, rather than non-roll cap.

See page 12 of this catalogue for details of Tri-top thermometers.



The tables below shows thermometers with yellow back glass with contrasting red filling providing clear scale and column definition for easy reading.

Range	Divisions	Length	Filling colour	76mm immersion		Total immersion	
				Accuracy	Product No	Accuracy	Product No
-20 to +110°C	1.0°C	305mm	Red	+/-1.0°C @ 35°C	44/302/8	+/-1.0°C @ 35°C	44/310/8
-20 to +110°C&F	1.0°C/2.0°F	305mm	Red	+/-1.0°C @ 35°C	44/302/9	-	-
-20 to +150°C	1.0°C	305mm	Red	+/-1.5°C @ 35°C	44/303/8*	+/-1.5°C @ 35°C	44/311/8
-20 to +150°C&F	1.0°C/2.0°F	305mm	Red	+/-1.5°C @ 35°C	44/303/9	-	-

* Range: -10 to+150°C

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