

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:

| | |
|----------------------------------|--|
| Temperature 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: | ø6.5mm x length (see table overleaf) |
| CE/RoHS/WEEE: | N/A |
| Hazard information (SDS): | See brannan.co.uk for information |

Packing specifications:

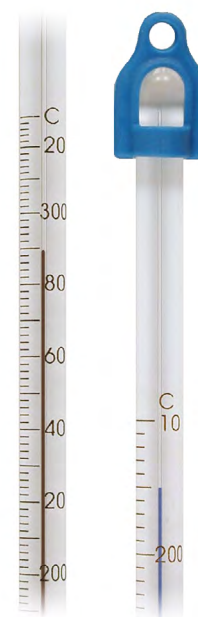
The following are for packed thermometers.

Each thermometer is supplied in protective telescopic packing.

Pack of ten thermometers supplied in cardboard box.

| | |
|-------------|------------------------------|
| Box Weight: | 155mm thermometer box: 14.5g |
| | 305mm thermometer box: 20.5g |
| | 405mm thermometer box: 26.5g |

| 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 |
| 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 |



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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 | +/-1.5°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 °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 | - | - |

