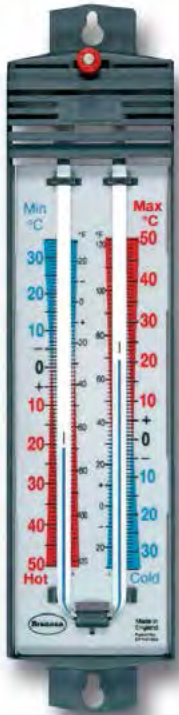




Increasing environmental and health concerns have encouraged the development of these unique **mercury free** maximum minimum thermometers which replace the traditional mercury types, the standard design for over two hundred years. The products use a patented blue coloured liquid to replace the mercury but retain the ease of operation of the mercury instruments. These Max/Min thermometers can be supplied with certificate traceable to Recognised National Standard or Statement of Conformity, if required.

Traceable
Calibration Certificate upon request

Statement of Conformity
upon request



1. Magnet Reset Max/Min

A modern design with red, blue and black coloured scale in moulded grey plastic. Separate magnet reset and hanging hook on top and bottom of instrument.
Range: -35 to +50°C&F
Dimensions: 250 x 60 x 27mm
12/401/3 (°C&F)
12/401/2 (°C only)



2. Heavy Duty Push Button Max/Min

A robust design with bulbs fully protected and reset by press button. black scale on a white background enclosed in a green case. Includes hanging hook at back of instrument.
Range: -35 to +50°C&F
Dimensions: 200 x 67 x 23mm
12/404/3 (°C&F)
12/404/2 (°C only)



3. Quick Set Push Button Max/Min

This popular design features a press button for quick reset. Available in white plastic with blue temperature scale and reset button. Hanging hook on top of instrument.
Range: -35 to +50°C&F
Dimensions: 205 x 55 x 27mm
12/408/3 (°C&F)
12/408/2 (°C only)

4. Max/Min with Lid

Traditional design with sloping roof. Green moulded plastic with green temperature scale and reset button. Hanging hook on top of instrument.
Range: -35 to +50°C&F
Dimensions: 226 x 68 x 27mm
12/415/3 (°C&F)
12/415/2 (°C only)



Max/Min Description	Range	Product Dimensions	Product Number
1. Magnet Reset	-35 to +50°C&F	250 x 60 x 27mm	12/401/3
	-35 to +50°C only	250 x 60 x 27mm	12/401/2
2. Heavy Duty Push Button	-35 to +50°C&F	200 x 67 x 23mm	12/403/3
	-35 to +50°C only	200 x 67 x 23mm	12/403/2
3. Quick Set Push Button	-35 to +50°C&F	205 x 55 x 27mm	12/408/3
	-35 to +50°C only	205 x 55 x 27mm	12/408/2
4. Push Button with Lid	-35 to +50°C&F	226 x 68 x 27mm	12/415/3
	-35 to +50°C only	226 x 68 x 27mm	12/415/2

Factory Act Thermometers

The following range of wall thermometers all show the recommended temperature for the workplace in accordance with The Workplace (Health, Safety & Welfare) Regulations 1992 Section 7, and are available in a choice of sizes. The clear black scale is printed on a robust plastic moulding. These thermometers can be supplied with certificate traceable to Recognised National Standard or Statement of Conformity, if required.



1. 380mm Workplace Thermometer

Range: -20 to +50°C&F
Dimensions: 380 x 75 x 10mm
14/374/3



2. 240mm Workplace Thermometer

Range: -20 to +50°C&F
Dimensions: 240 x 65 x 10mm
14/390/3



3. 215mm Workplace Thermometer

Range: -20 to +50°C&F
Dimensions: 215 x 40 x 7mm
14/410/3

Traceable
Calibration Certificate
upon request

Statement
of Conformity
upon request

Description	Range	Product Dimensions	Product Number
1. 380mm Thermometer	-20 to +50°C&F	380 x 75 x 10mm	14/374/3
2. 240mm Thermometer	-20 to +50°C&F	240 x 65 x 10mm	14/390/3
3. 215mm Thermometer	-20 to +50°C&F	215 x 40 x 7mm	14/410/3

Freezer and Refrigeration Thermometers

Range of thermometers to assist with the safe, cold storage of food with clear zones to indicate the correct temperature at which your fridge and freezer should be maintained.

1. Twin Reading Thermometer

Thermometer with max/min feature and high/low alarm settings. Ideally suited to read temperature in a fridge or freezer or outdoor and room temperature simultaneously. Magnet attachment and 2m probe cable. Suitable for UKAS calibration.

Range: -50 to +70°C&F
Dimensions: 63 x 63 x 15mm
LCD Dimensions: 21 x 47mm

22/420/3



CE
RoHS

UKAS
Calibration Certificate
upon request



2. Maximum Recording Fridge Guard Thermometer

130mm white horizontal fridge guard thermometer with blue temperature scale with clear zones showing recommended temperatures for safe food storage and marker to indicate maximum temperature reached since last reset.

Range: -30 to +30°C only
Dimensions: 130 x 40 x 22mm

22/482/2

Traceable
Calibration Certificate
upon request

3. Standard Horizontal Fridge or Freezer Thermometer

130mm white horizontal thermometer with blue temperature scale with clear fridge and freezer temperature zones.

Range: -30 to +40°C only
Dimensions: 130 x 40 x 22mm

22/483/2



Traceable
Calibration Certificate
upon request

Description	Type	Range	Product Dimensions	Product Number
1. Twin Reading	Digital	-20 to +50°C&F	380 x 75 x 10mm	14/437/3
2. Max Recording Fridge Guard	Liquid in glass	-20 to +50°C	240 x 65 x 10mm	14/390/3
3. Standard Horizontal	Liquid in glass	-20 to +50°C	215 x 40 x 7mm	14/410/3

Glass thermometers are the most popular and economical instrument for test purposes. Since mercury is no longer permitted under EU Regulations, these test thermometers are now filled with the **Brannan** blue coloured alternative, **LO-tox™** filling which combines high legibility and accuracy with low levels of hazard. The traditional red spirit filling is also available. The test thermometers are available in three different temperature ranges and in Celsius only or dual scales. They are calibrated for total immersion and can be supplied in a variety of case types. These thermometers can be supplied with certificate traceable to Recognised National Standard or Statement of Conformity, if required.



Statement of Conformity upon request

Traceable Calibration Certificate upon request

Reversible Plastic Case

The clear body fits to the cap with a bayonet clip which allows the case to be reversed and used as a holder for the thermometer to avoid contact with the material being tested.

Ranges: See table

Dimensions: 150 x 15mm diameter



Closed Plastic Case

The blue case with pocket clip protects the thermometer tube which is retained in the cap during use.

Ranges: See table

Dimensions: 160 x 12mm diameter



Range	Divisions	LO-tox™ Product Number	Red Spirit Product Number
-30 to +50°C	1°C	22/836/2	22/363/2
-30 to +50°C&F	1°C/2°F	22/836/3	22/363/3
0 to +50°C	0.5°C	22/875/2	22/675/2
0 to +50°C&F	0.5°C/1°F	22/875/3	22/675/3
-10 to +110°C	1°C	17/836/2	17/346/2
-10 to +110°C&F	1°C/2°F	17/836/3	17/346/3

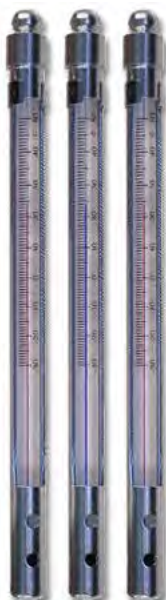
Range	Divisions	LO-tox™ Product Number	Red Spirit Product Number
-30 to +50°C	1°C	22/973/2	22/763/2
-30 to +50°C&F	1°C/2°F	22/973/3	22/763/3
0 to +50°C	0.5°C	22/870/2	22/670/2
0 to +50°C&F	0.5°C/1°F	22/870/3	22/670/3
-10 to +110°C	1°C	17/973/2	17/746/2
-10 to +110°C&F	1°C/2°F	17/973/3	17/746/3

Aluminium Case with Slot Front

This pocket test thermometer is held inside an aluminium case for protection during use.

Ranges: See table

Dimensions: 158 x 11mm diameter

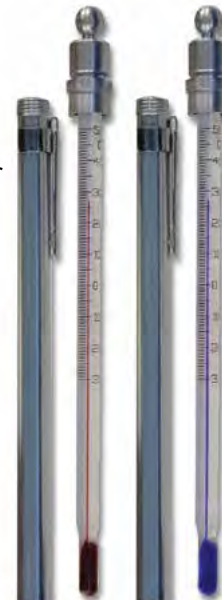


Heavy Duty Aluminium Case

The body of the case is removed during use and the tube is retained in the cap.

Ranges: See table

Dimensions: 165 x 12mm diameter



Range	Divisions	LO-tox™ Product Number	Red Spirit Product Number
-30 to +50°C	1°C	22/862/2	22/362/2
-30 to +50°C&F	1°C/2°F	22/862/3	22/362/3
0 to +50°C	0.5°C	22/880/2	22/680/2
0 to +50°C&F	0.5°C/1°F	22/880/3	22/680/3
-10 to +110°C	1°C	17/847/2	17/347/2
-10 to +110°C&F	1°C/2°F	17/847/3	17/347/3

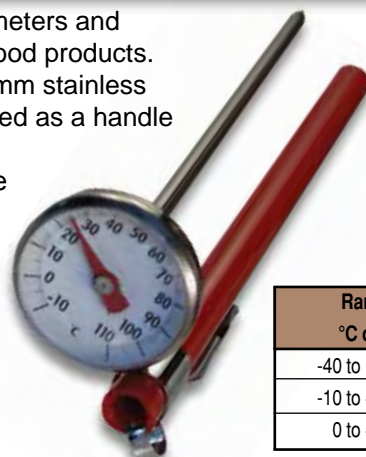
Range	Divisions	LO-tox™ Product Number	Red Spirit Product Number
-30 to +50°C	1°C	22/848/2	22/348/2
-30 to +50°C&F	1°C/2°F	22/848/3	22/348/3
0 to +50°C	0.5°C	22/885/2	22/685/2
0 to +50°C&F	0.5°C/1°F	22/885/3	22/685/3
-10 to +110°C	1°C	17/848/2	17/348/2
-10 to +110°C&F	1°C/2°F	17/848/3	17/348/3

Pocket Dial Test

Bimetal dial thermometers are an alternative to glass thermometers and have a stainless steel construction making them suitable for food products. These thermometers have 24mm diameter dial face with 125mm stainless spike stem and have a case with pocket clip which may be used as a handle for the thermometer. Other dial sizes available on request. These thermometers can be supplied with certificate traceable to Recognised National Standard or Statement of Conformity, if required.

Ranges: See table

Dimensions: 125 x 24mm diameter



Range °C only	Product Number
-40 to +70°C	31/141/0
-10 to +110°C	31/143/0
0 to +250°C	31/144/0



Batch Sampling Thermometers

These precision test thermometers are sealed into a 30ml polypropylene bottle containing a heat transfer medium and are ideally suited to monitor the temperature of samples in controlled storage. The bottle base of the assembly maintains a core temperature similar to that of the samples being monitored and is unaffected by short fluctuations caused by thermostatic variations or through the opening of cabinet doors. Clear reading **LO-tox™** blue filling eliminates the risk of mercury contamination.

This thermometers can be supplied with UKAS Certification on request.

Standard Batch Sampling Thermometers

A variety of ranges are available covering critical temperature spans for specific applications such as oven, freezer, blood bank, etc.

Ranges: See table

Dimensions: 145 x 35mm diameter

Application	Range	Product Number
Oven	+20 to +130°C	17/102/2
Blood Bank	-5 to +20°C	22/100/2
Freezer	-30 to 0°C	22/101/2
Refrigerator	-5 to +20°C	22/103/2
Incubator	-18 to +50°C	22/105/2



Maximum Reading Sampling Thermometer

Also available is the maximum reading sampling thermometer which has an index to record the maximum temperature of the process. The index is reset with the magnet supplied.

Range: -30 to +30°C only

Dimensions: 145 x 35mm diameter

22/104/2



Max/Min Digital Reading Sampling Thermometers

Batch sampling thermometer with max/min reading digital thermometer. The twin reading electronic thermometer has a max/min feature and high/low temperature alarm setting. Ideally suited to read temperature in a fridge or freezer or outdoor temperature and room temperature simultaneously. Magnet attachment and 2m probe cable.

Meter Range: -50 to +70°C&F only

Meter Dimensions: 63 x 63 x 15mm

LCD Dimensions: 21 x 47mm

22/106/3



These instruments measure the amount of water vapour in the atmosphere, on a percentage scale known as Relative Humidity (%RH). The difference between the "wet" and "dry" bulb temperatures enables the %RH to be determined through the use of tables or a calculator.



Mason's Hygrometer

White polypropylene case with water container and wick. Supplied complete with calculator chart and instructions to determine %RH. Replacement water container pots and wick also available.

Range: -5 to +50°C&F or °C only

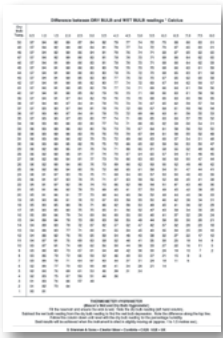
Dimensions: 310 x 77 x 32mm

13/222/3 (°C&F)

13/222/2 (°C only)

Pack of 12 Replacement Wicks 13/084/0

Replacement Pot 13/087/0



Hair Hygrometer

100mm dial instrument with gold coloured scale and polished brass bezel and hanging ring. Supplied complete with instructions.

Range: 0 to 100%RH

Dimensions: 28 x 105mm diameter

30/900/0



Whirling Hygrometers

Whirling Hygrometers, also known as sling psychrometers, employ the "wet" and "dry" bulb principal to determine %RH. They are designed to be rotated, by hand, to provide adequate and consistent ventilation of the bulbs. These hygrometers are now filled with a blue spirit filling. Replacement refill tubes are available for both models. These instruments can be supplied with UKAS Certification on request.



Compact Psychrometer

This instrument uses shorter tubes and the design incorporates a slide rule type calculator to determine the %RH. The body of the instrument slides away into the handle providing complete protection when not in use.

The psychrometer is available in choice of Celsius or Fahrenheit only scales.

Range: -5 to +50°C or 0 to 120°F

Dimensions: 210 x 36 x 16mm

13/606/2 - °C only

Replacement Tube - 13/605/2 (°C only)

13/606/1 - °F only

Replacement Tube - 13/605/1 (°F only)



Whirling Hygrometer with Folding Handle

This traditional model has a folding handle and is supplied in a protective canvas carry case with calculator chart and instructions to determine %RH. Available in Celcius scale only.

Range: -5 to +50°C only

Dimensions: 237 x 143 x 29mm

13/744/2 - °C only

Replacement Tube - 13/044/2 (°C only)

