

Thermometer, Industrial, models Therma 1, 3 & Elite

Rugged and easy to use instruments that operate through the range of -100 to 1370°C with a 0.1°C or 1°C resolution. Robust ABS case that contains 'Biomaster' additive that helps to reduce bacterial growth. Easy to read, 12mm LCD display with open circuit 'Err' and low battery indication. Each thermometer is powered by three 1.5 volt AAA batteries that gives a minimum of five years battery life. The units will power off automatically after ten minutes, maximising battery life. This feature can be disabled by the user, if required.

Therma Elite

Has all the features of a Therma 1 thermometer but with the addition of a backlit display, max/min memory function and a mode button for the selection of 0.1/1 °C/°F. The thermometer also incorporates a calibration trim function (± 2 °C) which allows users to compensate for thermocouple probe errors. Free traceable certificate of calibration included.

Technical Specifications

Model	Therma 1/Elite	Therma 3
Range 0.1°C	-99.9 to 299.9°C	n/a
Range 1°C	300 to 1372°C	-100 to 1372°C
Resolution	0.1°C & 1°C	1°C
Accuracy	$\pm 0.4^\circ\text{C} \pm 0.1\%$	$\pm 1^\circ\text{C} \pm 0.1\%$
Sensor type	K thermocouple	
Dimensions	25 x 56 x 128mm	
Weight	130 grams	

Cat. No. Description

TH/95120	Thermometer, Industrial, model Therma 1
TH/95122	Thermometer, Industrial, model Therma 3
TH/95124	Thermometer, Industrial, model Therma Elite

For suitable probes see entry below.



TH/9512

Thermometer, Differential

This digital thermometer allows two type K thermocouple probes to be used simultaneously. The display can be switched to show probe T1 or T2 temperature or the difference between probes T1 and T2 (T1-T2). There is a custom, 15mm LCD display with °C, T1, T2, diff, hold, open circuit and low battery indication. The unit incorporates an auto-power off facility that automatically turns the instrument off after approximately 10 minutes, maximising battery life. Easy to use, silicone rubber key switches which activate the various functions of each instrument. Conveniently located front-mounted thermocouple probe sockets. Free traceable certificate of calibration included.

Technical Specifications

Range	-100°C to 1372°C
Resolution	0.1°C to 299.9°C, thereafter 1°C
Accuracy 1°C	$\pm 0.4^\circ\text{C} \pm 1\%$ of reading
Battery	3x1.5V AAA
Battery life	7500 hours
Sensor type	K thermocouple
Dimensions	32 x 71 x 141mm
Weight	220 grams

Cat. No. Description

TH/95130	Thermometer, Differential
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Accessory temperature probes type K for Therma series and models 2202/3

Cat. No. Description

TH/95142	Penetration probe, Ø3.3 x 130mm, maximum temperature 250°C
TH/95144	Needle penetration probe, Ø1.8 x 100mm, maximum temperature 250°C
TH/95146	Ribbon surface probe, Ø8 x 130mm, maximum temperature 250°C



TH/95130