

Therma 1, 3 & Elite Thermometers

With interchangeable thermocouple probes

- Elite model includes backlight & max/min functions.
- FREE traceable certificate of calibration included.
- Wide temperature measurement range
- Minimum five-years battery life

The Therma 1 and 3 digital thermometers are 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. The thermometers are housed in a robust ABS case that contains 'Biomaster' additive that helps to reduce bacterial growth.

The Therma 1 and 3 feature a large, easy to read, 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.

Rototherm offers an extensive range of interchangeable type K thermocouple probes, for a variety of different applications.

Therma Elite

The Therma Elite incorporates 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.



Optional Accessories

830-227 protective silicone boot - the Therma series is waterproof to IP64 when used in conjunction with this boot. A variety of different colour boots are available.

832-053 wall bracket (screws not supplied) and protective silicone boot



Order Code	Description
221-041	Therma 1
221-043	Therma 3
221-061	Therma Elite
830-227	Protective Silicone Boot
832-053	Wall Bracket & Protective Boot
The Therma series is exclusive of probe	

Specification	Therma 1/Elite	Therma 3
Range 0.1 °C	-99.9 to 299.9 °	n/a
Range 1 °C	300 to 1372 °C	-100 to 1372 °C
Resolution	0.1 °C & 1 °C	1 °C
Accuracy	± 0.4 °C ± 0.1 %	± 1 °C ± 0.1 %
Battery	3 x 1.5 volt AAA	
Battery life	minimum 5 years (10,000 hours)	
Sensor type	K thermocouple	
Display	12 mm LCD	
Dimensions	25 x 56 x 128 mm	
Weight	130 grams	
Free traceable certificate of calibration included		