

# Therma 1, 3 & Elite Thermometers

with interchangeable thermocouple probes

- Elite model includes backlight & max/min functions
- FREE traceable certificate of calibration
- minimum 5 years battery life
- 2 year guarantee

The Therma 1 and 3 digital thermometers are rugged and easy to use instruments that operate through the range of -100 to 1372 °C with a 0.1 °C or 1 °C resolution. The thermometers are housed in a robust ABS case that contains 'Biomaster' additive which reduces bacterial growth.

The Therma 1 and 3 feature large, easy to read, LCD displays with open circuit 'Err', hold and low battery indication. Each thermometer is powered by three AAA batteries that give 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 not required.

We offer an extensive range of interchangeable type K thermocouple probes for a variety of different applications, see pages 59 to 64 for full details.



penetration probe  
Ø3.3 x 130 mm (123-160)



## Therma Elite thermometer

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 ( $\pm 2$  °C) which allows the user to compensate for thermocouple probe errors.



## optional accessories

- protective silicone boot - the Therma series is splashproof to IP64 when used in conjunction with this boot. Various colours are available - see page 14 for details
- stainless steel wall bracket (*screws not supplied*) and protective black silicone boot (832-053)



order code	description
221-041	Therma 1
221-043	Therma 3
221-061	Therma Elite
123-160	penetration probe
830-227	protective silicone boot - black
832-053	s/steel wall bracket & boot

*the Therma series is exclusive of probe*

specification	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	$\pm 0.4$ °C $\pm 0.1$ %	$\pm 1$ °C
battery	3 x 1.5 volt AAA	
battery life	minimum 5 years (10000 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*