

# Industrial Thermometer Kits

ideal for a variety of applications



These kits represent excellent value-for-money as each one is supplied in a FREE carrying case/zip pouch, the Legionnaires' kit also includes a FREE water resistant countdown timer and FREE mini tub of 70 QAC free Probe Wipes. For a full specification on the Therma 1, see page 45 and for the Therma Differential thermometer, see page 47.

## budget HVAC thermometer kit

### each kit contains:

- Therma Differential thermometer (231-022)
- 2 x pipe clamp probes (133-040)
- zip pouch (830-090)

order code	description	£ each
860-095	budget HVAC thermometer kit	95.00
<i>FREE traceable certificate of calibration included</i>		



## HVAC thermometer kit

### each kit contains:

- Therma Differential thermometer (231-022)
- penetration probe (123-160)
- 2 x pipe clamp probes (133-040)
- ABS carrying case (834-300)

order code	description	£ each
860-090	HVAC thermometer kit	130.00
<i>FREE traceable certificate of calibration included</i>		

## Legionnaires' thermometer kit

### each kit contains:

- Therma 1 thermometer (221-041)
- penetration probe (123-160)
- precision ribbon surface probe (123-030)
- PTFE wire probe (133-362)
- water resistant countdown timer (806-150)
- mini tub of 70 Probe Wipes (836-022)
- ABS carrying case (834-150)

order code	description	£ each
860-860	Legionnaires' thermometer kit	125.00
<i>FREE traceable certificate of calibration included</i>		



# Therma Differential Thermometer

two channel, T1 or T2 or T1 minus T2 differential

- robust waterproof case offering IP66/67 protection
- ideal for radiator balancing or HVAC applications
- designed for plumbers, reliable & easy to use
- backlight, max/min & hold functions

The Therma Differential is a digital thermometer that allows the user to operate two type K thermocouple probes simultaneously. The display can be switched to show probe T1 or T2 temperature or the difference between probes T1 and T2 (T1-T2). This allows, for example, the temperature drop across radiators or the temperature rise or fall of two items being measured.

The Therma Differential measures temperature over the range of -99.9 to 299.9 °C with a 0.1 °C resolution or 300 to 1372 °C with a 1 °C resolution. The thermometer features a custom, LCD display with °C/°F, T1, T2, diff, hold, open circuit, low battery indication and a user selectable backlight. The unit incorporates an auto-power off facility that automatically turns the instrument off after approximately ten minutes, maximising battery life.

Each unit is housed in a durable, ABS case that has an integrated rubber seal to ensure complete water tightness and help reduce the possibility of damage in harsh environments.

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.



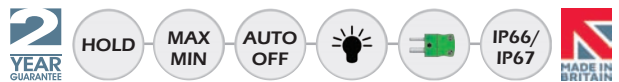
● **optional accessories**

- protective black silicone boot c/w foot stand and magnet for mounting on pipes, radiators etc.. (830-258)
- stainless steel wall bracket (screws not supplied) (832-015) - see page 34 for details



order code	description	£ each
231-022	Therma Differential	75.00
830-258	protective silicone boot - black	12.00

*the Therma Differential is exclusive of probe*



specification	Therma Differential
range 0.1 °C	-99.9 to 299.9 °C
range 1 °C	300 to 1372 °C
resolution	0.1 °C to 299.9 °C thereafter 1 °C
accuracy	±0.4 °C ±0.1 % of reading
battery	3 x 1.5 volt AAA
battery life	7500 hours
sensor type	K thermocouple
display	15 mm LCD
dimensions	32 x 71 x 141 mm
weight	220 grams

*FREE traceable certificate of calibration included*

# 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.

## 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.



order code	description	£ each
221-041	Therma 1	50.00
221-043	Therma 3	40.00
221-061	Therma Elite	60.00
830-227	protective silicone boot - black	6.00
832-053	s/steel wall bracket & boot	12.00

*the Therma series is exclusive of probe*



## 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)



specification	Therma 1/Elite	Therma 3
range 0.1 °C	-99.9 to 299.9 °C	-
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 $\pm 0.1$ %
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*