

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
231-022	Therma Differential
830-258	protective silicone boot - black

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

