

Therma 1T Thermometer

±0.2 °C high accuracy

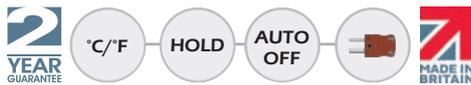
- utilises high accuracy type T thermocouple probes
- FREE traceable certificate of calibration



The new Therma 1T thermometer utilises a type T thermocouple sensor which offers both fast response and a measurement range of -100 to 400 °C with a 0.1 °C resolution. Each unit is housed in a robust ABS case that contains 'Biomaster' additive which reduces bacterial growth.

The Therma 1T features a large, easy to read, LCD display with open circuit and low battery indication. Each thermometer is powered by three AAA batteries that give a minimum of five years battery life. The instrument will power off automatically after ten minutes, maximising battery life. This feature can be disabled by the user, if not required.

Below is a small selection of our high accuracy (±0.2 °C) type T thermocouple probes, for alternative probes please contact our sales team or visit our website.



order code	description
221-107	Therma 1T
830-221	protective silicone boot - white
832-053	s/steel wall bracket & boot

the Therma 1T is exclusive of probe

specification	Therma 1T
range	-100 to 400 °C
resolution	0.1 °C to 300 °C thereafter 1 °C
accuracy	±0.2 °C ±0.1% of reading
battery	3 x 1.5 volt AAA
battery life	minimum 5 years (10000 hours)
sensor type	T thermocouple
display	12 mm LCD
dimensions	25 x 56 x 128 mm
weight	130 grams

FREE traceable certificate of calibration included

High Accuracy Temperature Probes

type T thermocouple probes - accurate to ±0.2 °C*

		order code
penetration probe  Ø3.3 x 130 mm	This stainless steel penetration probe is strong, versatile and ideal for measuring a wide variety of applications including liquids and semi-solids. Response time less than three seconds. Probe temperature range -75 to 250 °C.	127-160 327-160 <i>(coiled lead)</i>
fast response probe  Ø3.3 x 100 mm	This reduced tip, fast response, stainless steel penetration probe is ideal for liquids or semi-solids i.e. soft rubber and other similar materials. Response time less than two seconds. Probe temperature range -75 to 250 °C.	127-159 327-159 <i>(coiled lead)</i>
air or gas probe  Ø4.5 x 130 mm	This stainless steel, fast response air/gas probe is ideal for measuring air temperature in chill cabinets, fridges, freezers, offices, storage areas and similar. Response time less than 0.5 of a second. Probe temperature range -75 to 250 °C.	127-300 327-300 <i>(coiled lead)</i>

*Please note: the above type T thermocouple probes offer a high accuracy of ±0.2 °C over the range of -20 to 70 °C

