

Therma 22 Thermometer

utilises thermistor or type T thermocouple probes

- optional thermistor test caps available for checking accuracy
- meets the European Standard EN13485
- temperature range -199.9 to 400 °C
- fast response with high accuracy

The Therma 22 hand held thermistor and thermocouple thermometer has been specifically designed for those who need the versatility of both the thermocouple and thermistor probes in one compact unit.

The thermistor sensor gives greater accuracy for food processing, whilst the type T thermocouple sensor extends the measurement range and provides faster response. Plug the probe of your choice into the Therma 22 and the thermometer will take fast, accurate measurements.

The Therma 22 features an easy to read, LCD display with open circuit and low battery indication. The instrument displays temperature over the range of -39.9 to 149.9 °C (thermistor) or over the range of -199.9 to 400 °C (type T thermocouple).

The unit is housed in a robust ABS case that includes 'Biomaster' additive which reduces bacterial growth. The auto-power off facility maximises battery life, turning the instrument off automatically after ten minutes.

The Therma 22 incorporates a Lumberg screw-locking type connector, allowing a wide range of interchangeable probes to be used. We offer an extensive range of interchangeable type T thermocouple probes, see page 77 and for thermistor probes, see pages 80 and 81.



| order code | description |
|------------|----------------------------------|
| 227-022 | Therma 22 |
| 177-166 | penetration probe (type T) |
| 830-221 | protective silicone boot - white |
| 832-050 | s/steel wall bracket & boot |

the Therma 22 is exclusive of probe



penetration probe (type T)
Ø3.3 x 130 mm (177-166)

optional accessories

- protective silicone boot - the Therma 22 is splashproof to IP64 when used in conjunction with this boot. Various colours are available - see page 13
- thermistor test caps with UKAS Certificate of Calibration - see opposite page for details



| specification | Therma 22 |
|------------------------------|------------------------------------|
| range - type T thermocouple | -199.9 to 400 °C |
| range - thermistor | -39.9 to 149.9 °C |
| resolution | 0.1 °C to 299.9 °C thereafter 1 °C |
| instrument only accuracy | ±0.2 °C |
| system accuracy - type T t/c | ±0.5 °C (-49.9 to 149.9 °C) |
| system accuracy - thermistor | ±0.4 °C (-24.9 to 109.9 °C) |
| battery | 3 x 1.5 volt AAA |
| battery life | minimum 5 years (10000 hours) |
| sensor type | thermistor/type T thermocouple |
| display | 12 mm LCD |
| dimensions | 25 x 56 x 128 mm |
| weight | 130 grams |

FREE traceable certificate of calibration included