

# THERMA 20/22 PLUS WATERPROOF THERMOMETERS

- Therma 22 Plus accepts type T thermocouple & thermistor probes
- FREE traceable certificate of calibration
- Biomaster Antimicrobial Technology
- Large, easy to read backlit LCD

The Therma 20 Plus waterproof thermometer offers IP66/67 protection and is housed in a robust waterproof white ABS case. The thermometer utilises state of the art electronic circuitry, designed for reliability and ease of use and can be submerged or washed under a running tap - ideal for food processing applications where cleaning is paramount.

The thermometer features a large, easy to read, LCD display with max/min, °C/°F, hold, open circuit, low battery indication and a user selectable backlight. The unit also incorporates an auto-power off facility that automatically turns the instrument off after ten minutes, maximising battery life.

The instrument is housed in an ergonomic, ABS case that includes Biomaster Antimicrobial Technology that reduces bacterial growth. Each unit has an integrated rubber seal to ensure complete water resistance and help reduce the possibility of damage in harsh environments.

The Therma 20 Plus incorporates an easy to use waterproof Lumberg screw-locking type connector, allowing a wide range of interchangeable thermistor probes to be used. We offer an extensive range of probes, see pages 84 and 85 for details.

- **Therma 22 Plus thermometer**

The Therma 22 Plus incorporates all the features of a Therma 20 Plus, but also accepts type T thermocouple probes giving a faster response time and wider temperature range of -199.9 to 400 °C. See page 82 for our range of type T thermocouple probes.



Waterproof penetration probe (174-266)



- **Thermistor test caps**

Used to perform accuracy checks of thermistor thermometers. Supplied with a UKAS certificate of calibration. See page 103 for details.



Specification	Therma 20 Plus	Therma 22 Plus
Range - type T t/c	n/a	-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 & life	3 x 1.5 volt AAA - 7500 hours	
Sensor type	Thermistor	Thermistor/type T t/c
Display	15 mm LCD	
Dimensions	32 x 71 x 141 mm	
Weight	220 grams	

Order code	Description
232-040	Therma 20 Plus
232-041	Therma 22 Plus
174-266	Penetration probe

The Therma 20/22 Plus are exclusive of probe

FREE traceable certificate of calibration included

FOOD PROCESSING