

# ThermaGuard®

## high accuracy fridge/freezer thermometers

- two models available - single or dual external sensors
- optional UKAS Calibration Certificate available
- programmable high/low audible alarm
- records the max/min temperatures

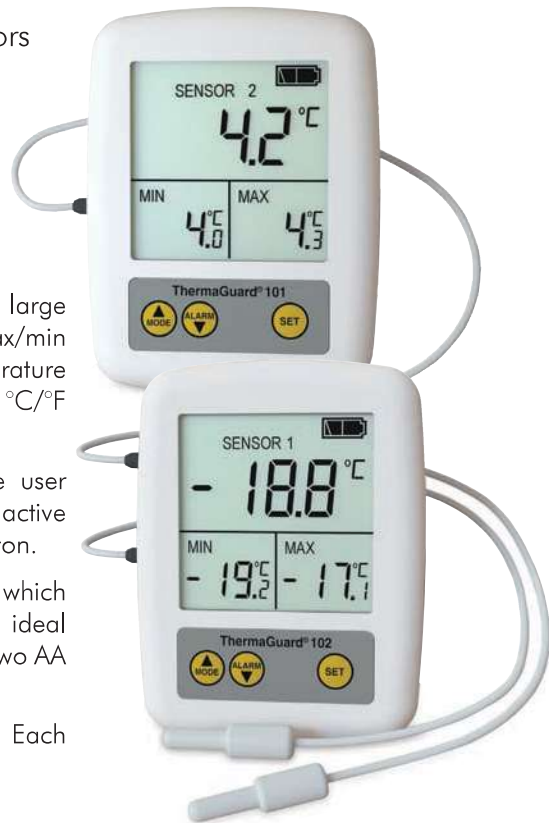


These high accuracy fridge or freezer thermometers feature a large LCD display, which simultaneously display the current and max/min recorded temperatures. The ThermaGuard measures temperature over the range of -39.9 to 49.9 °C (external sensor) with 0.1 °C/°F (switchable) with an accuracy of ±0.4 °C.

Both units feature programmable audible alarms allowing the user to preset high and low temperature limits. When the alarm is active the LCD will flash. The alarm can be silenced by pressing any button.

Each ThermaGuard is housed in a splashproof IP54 ABS case, which includes the 'Biomaster' additive that reduces bacterial growth, ideal for monitoring chilled and frozen foods. Each unit is powered by two AA batteries with a battery life expectancy of in excess of three years.

An optional two-point UKAS Certificate of Calibration is available. Each certificate indicates deviations from standards at -18 and 0 °C.



### two models available

The ThermaGuard 101 incorporates two temperature sensors; a remote water resistant probe with a one metre PVC lead for monitoring the appliance temperature and an internal sensor to monitor room temperature. The ThermaGuard 102 incorporates two remote water resistant probes, both with one metre PVC leads for monitoring dual appliances. Each remote probe can be mounted onto the internal wall of the fridge using the ABS plastic probe mounting bracket kit supplied.

### CalCheck function

Both ThermaGuard models feature a CalCheck 0.0 °C (±0.1 °C) function that allows the user to verify the accuracy of the thermometer at any time, giving confidence that measurements are accurate.



### FREE wall bracket included

Each ThermaGuard is supplied with a plastic wall bracket that incorporates a built-in foot stand, hook for hanging and screw thread for tripod mounting, allowing users to store or position the unit safely, securely and protect against accidental damage.



order code	description
226-511	ThermaGuard 101
226-521	ThermaGuard 101 with UKAS Cert
226-512	ThermaGuard 102
226-522	ThermaGuard 102 with UKAS Cert

UKAS Calibration Certificate applies to remote probe(s) only

specification	ThermaGuard
range - internal	-19.9 to 49.9 °C (101 model only)
range - external	-39.9 to 49.9 °C
resolution	0.1 °C/°F
accuracy	±0.4 °C
battery	2 x 1.5 volt AA
battery life	25000 hours (normal use, without alarm)
sensor type	thermistor
display	custom LCD
dimensions	29 x 73 x 96 mm
weight	165 grams

optional UKAS Certificate of Calibration available

