



# LABCOLD™

medical & scientific refrigeration



## RLAA5003-1 Fridge/Freezer Thermometer

This Labcold thermometer with audible and visual alarms and minimum and maximum temperature recording can be used on both refrigerators and freezers and is ideal for use as an independent digital thermometer for vaccine storage.

The clear LED display is encased in splashproof ABS to which has been added Biomaster antimicrobial technology. This uses the active ingredient of silver to bind to the cell wall to disrupt the bacteria's DNA which provides safe, effective and long-lasting protection against the growth of harmful bacteria.



The thermometer also has two sensors. Sensor one records the ambient temperature and records minimum and maximum temperatures plus high and low temperature alarms. Sensor 2 is at the end of a one metre waterproof cable and is for monitoring the internal temperature of your fridge and freezer. Naturally, like sensor one, minimum and maximum temperatures are recorded and stored and it will trigger alarms for high and low temperatures.

Part Number	RLAA5003-1 - freestanding RLAA5003 - fitted
Internal temperature sensor range	-19.9° C to 49.9° C
External temperature sensor range	-39.9° C to 49.9° C
Accuracy	±0.4° C
Dimensions (HxWxD)	96mm x 73mm x 29mm
Weight	165g
Probe length	1m
Construction	Splashproof ABS casing (IP54-rated) with Biomaster antibacterial additive
Free wall bracket	✓
Battery	2 x 1.5V AA
Battery life	25,000 hours (normal use, without alarm)
High/low temperature alarms	✓
Min/max recording	✓
Sensor type	Thermistor
Resolution	0.1°c
Cal check	✓
Optional UKAS calibration available from Labcold's UKAS temperature laboratory #8898	✓

The RLAA5003 can be factory fitted to the Labcold Sparkfree fridge/freezer by way of bespoke brackets. It can be fitted to both the RLFF13248 and RLFF13248/LK but needs to be specified at time of order.

The RLAA5003-1/RLAA5003 also features a CalCheck 0.0 °C (±0.1 °C) function that allows you to verify the accuracy of the thermometer at any time, giving confidence that measurements are accurate and Labcold's UKAS temperature laboratory #8898 can calibrate the thermometer and provide a certificate. Why not ask for more information when you place your order?

