



LABCOLD™

medical & scientific refrigeration



RMBL2019 - M1 Data Logger

Part Number	RMBL2019-M1
Temperature range	-30°C to +70°C
Accuracy	+/- 0.5°C at -20°C to +40°C
Internal clock accuracy	± 20ppm (2 seconds per day)
Dimensions (HxWxD)	80 x 34 x 14mm
Weight	25g
Construction	Waterproof ABS class IP67
Battery	Replaceable CR2032
Sample rate	10 seconds to 24 hours
High/low temperature alarm	✓ LCD display if configured
Alarm settings	Up to 5 alarm settings programmable
Start methods	Manual Automatically
Maximum data points	32,000
Resolution	0.1°C
External temperature probe	✓ (optional extra order RMBL2019-TSN100)
Connection	USB 2.0 A-Type
Free software	✓
Software requirement	Windows
Manufacturers' validation certificate	✓ 6 points
UKAS traceable calibration 3 points	✓ (optional extra order RMBL2019-M1-CAL)

Labcold data loggers are specially designed to help with cold change compliance. Easy to use, you can simply start the logger using the preprogrammed parameters described on the reverse of the logger or fully configure, including applying password protection by using the free downloadable software.

The software allows you to configure up to 5 separate alarm parameters and the PDF report generated by the loggers will colour code every time alarm limits are exceeded. The report generated by the software also includes a data curve, a data report and every single measurement which can be stored to your PC or printed as a hard copy.

These loggers can be used time and time again as they have an easy change battery.

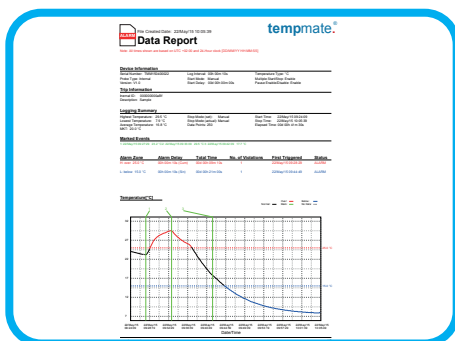
Lightweight and waterproof, you can also add an external temperature sensor to your logger as an optional extra (order RMBL2019-TSN100) and a UKAS traceable calibration certificate. Why not ask for details when you place your order?

Device	Model	Calibration Date	Accuracy/Volatility	Serial Number
Constant Temperature				
Trough of Low Temperature	HC-2010	March 25,2015	± 0.05°C	JYDQ-135
Low-Temperature	ATL60	March 25,2015	± 0.015°C	JYDQ-136
Check Equipment				

All reference instruments are calibrated by Suzhou Loribo Calibration and Testing Co.,LTD, a CNAS (China National Accreditation Service) accredited laboratory, and traceable to NIST according to Multi-Recognition Agreement.

Environment Conditions	Validation Information
Air Temperature 25.5°C	Validation Points Tolerance Result
Relative Humidity 53.0%	+60°C ± 0.5°C PASS
	+40°C ± 0.5°C PASS
	+25°C ± 0.5°C PASS
	0°C ± 0.5°C PASS
	-5°C ± 0.5°C PASS
	-25°C ± 0.5°C PASS

Manufacturers' validation certificate



Full data report generated with a data summary, data curve and every point recorded



External temperature probe order **RMBL2019-TSN100**

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