

Lascar EL-USB-ULT-LCD+ High accuracy USB Data Logger with LCD and Ultra-Low Cryogenic Temperature Probe



Labfacility are the UK's leading manufacturer of Temperature Sensors, Thermocouple Connectors and associated Temperature Instrumentation and stockings of Thermocouple Cables. The Company has been trading since 1971 and is ISO9001 accredited.

High-accuracy ultra low temperature data logger for monitoring vaccines in cryogenic dry ice storage

This high-accuracy ultra-low temperature data logger is designed for monitoring vaccines in cryogenic dry ice storage. The measurement range is -100 to +100°C (-148 to +212°F) using the probe supplied with the logger.

The device can record over 32,000 readings and the on-board display can cycle between the current, minimum and maximum temperature readings at the touch of a button. Flashing lights alert users to any temperature excursions.

The logger is simple to set up using the free EasyLog software, which allows users to set their own high and low alarm thresholds, with alarm hold and delayed start features as well.

Just plug the logger into your PC's USB port to download data which can then be graphed, printed and exported to other applications for detailed analysis.

The product is supplied with a 1/2 AA battery, the probe (300mm probe on a 2m long cable) and a mounting bracket.

Applications

The EL-USB-ULT-LCD+ ultra-low temperature data logger is designed for monitoring vaccines in cryogenic dry ice storage and transit.

Specifications

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Product Code	XE-4212-001
Model	EL-USB-ULT-LCD+
General Description	High accuracy USB Data Logger with LCD and Ultra-Low Cryogenic Temperature Probe
Communications Protocol	USB
Accuracy	±1.8°C (±3.2°F) typical
Readings	32,510
Resolution	0.5°C (1°F)
Logging Interval	User selectable between 1 second and 12 hours
Battery	Supplied with a 1/2 AA battery. Battery life: 2 years

Dimensions	Logger: 135 x 24 x 21mm (5.31 x 0.94 x 0.82"). Probe: 300 x Ø1.5mm x 1m. Cable: 11.8 x Ø0.06" x 39.4"
Temperature Range	-100 to +100°C (-148 to +212°F)
Operating Temperature	(Logger only) -10 to +40°C (+14 to +104°F)