Vaccination Monitoring Solutions

The Lascar EasyLog family of vaccination data loggers is an inexpensive series of standalone USB and WiFi-enabled sensors allowing discrete and continuous temperature monitoring of vaccines. Exceeding Center for Disease Control guidelines on data loggers used in vaccination storage, these sensors are supplied with glycol bottles and a calibration certificate.

CENTER FOR DISEASE CONTROL GUIDELINES ON MINIMUM DATA LOGGER FEATURES

Feature		Feature	
High/low alarms to alert out of range temperatures	✓	At least 4,000 readings stored	✓
Display of current, min and max temperature readings	✓	Data loops when memory is full	✓
Reset button for min and max readings	✓	Detachable temperature buffered probe	✓
Low battery indicator	✓	User programmable logging rates are available	✓
Accuracy ±0.1° C / ±0.2° F	✓	Integral magnet to affix logger to outside of storage unit	✓

USB Stand Alone Monitoring

EL-USB-TP-LCD-PROBE-G

The EL-USB-TP-LCD-PROBE-G is a handheld, battery powered data logger that measures and stores temperature readings on-board until data is downloaded from it via USB. Simple to set-up, the user just plugs this device into the computer's USB port and, using Lascar's FREE configuration software, names the device, chooses a sampling rate, selects high and low alarms and a logging start time. Place the glycol bottle into the area of vaccine storage and secure the logger on the outside of the fridge or freezer using the magnet included in the pack.

An alarm breach is indicated by a flashing red LED. In the event of a breach, plug the unit into the computer USB port and download data using Lascar's free software. Data can be viewed in graphical or tabular form.

EL-DATAPAD

Remove the need to take EL-USB loggers back to the PC for programming and data retrieval by using the EL-DATAPAD. Capable of programming loggers in the field and storing data from up to 500 loggers, this is an ideal tool for users with multiple units to monitor in one location.

LASCAR electronics

WiFi Remote Monitoring

Cloud *Powered by FilesThruTheAir™*

View Anywhere | **Alerts** | **Storage** | **Multiple Sites** | **Multiple Users**

EL-WiFi

Remove the need for physical data retrieval and logger set up with the EL-WiFi. The EL-WiFi-TP+-PROBE-G allows remote data collection over a WiFi network to either a single host PC or the Cloud. Using Lascar's FilesThruTheAir™ Cloud Service, users can remotely view multiple EL-WiFi data loggers in multiple locations from any internet-enabled device or using the Apple or Android FilesThruTheAir App, change settings, access 'Event Logs' for a record of any past triggered alarm events and graph sensor data online or set up e-mail alerts which will notify them as soon as an alarm event happens.

EL-GFX-DTP-PROBE-G

The EL-GFX-DTP-PROBE-G is programmed using the same simple configuration software as the USB logger. A dual-channel thermistor probe data logger, the unit stores over 250,000 readings, has an on-screen display showing max, min and last log as well as an on-board graph of the data collected. Buttons allow the user to start, stop and restart the logger in the field and alarm breaches can be registered with both LED and audible alarms. The logger can be battery powered or used with a USB wall adapter. Two channels allows measurement of two areas of a refrigerator or a refrigerator and freezer at the same time.

EL-WiFi-ALERT

Use the EL-WiFi-ALERT in conjunction with your WiFi logger solution for instant and significant visual and audible notifications of an alarm breach. Position the alert in the same WiFi network as your loggers. It will capture all alarm breaches communicated by any logger in the same WiFi network and produce a loud beep and flashing red light.

CALIBRATION CERTIFICATES

Instrument Calibration CERTIFIED — LASCAR electronics

All units are supplied with a two point calibration certificate ensuring the accuracy of your instrument for a 12 month period. New calibration certificates can be purchased for all instruments when the original certificate expires.

EL-Vaccination Kits - Purchase a Data Logger, Glycol Bottle and Calibration Certificate in one complete kit

Part No	Function	Range	Accuracy (overall error)	Readings (Per Channel)	Battery	Battery Life	CDC
EL-USB-TP-LCD-PROBE-G	External Temperature with LCD and Thermistor Glycol Probe. Includes Calibration Certificate.	-40 to +125°C (-40 to +257°F)	±0.1°C (±0.2°F)	32,510	3.6V ½AA	6 months	✓
EL-GFX-DTP-PROBE-G	Dual-channel External Temperature with Thermistor Glycol Probe. Includes Calibration Certificate.	-40 to +125°C (-40 to +257°F)	±0.1°C (±0.2°F)	250,000+	3.6V ½AA	4 months*	✓
EL-WiFi-TP+-PROBE-G	Remote External Temperature with Thermistor Glycol Probe. Includes Calibration Certificate.	-40 to +125°C (-40 to +257°F)	±0.2°C (±0.4°F)	Continuous	Rechargeable	6 months*	✓

* Can be permanently powered by USB wall adapter

Accessories

Part No	Function	Battery
EL-DataPad	Handheld Programmer and Data Collector for EasyLog USB range	Lithium Polymer
El-WiFi-Alert	Audible and Visual Alarm for EL-WiFi Data Logging Sensors	Lithium Polymer
PSU-USB-UK	USB Mains Power Adapter for UK	—
PSU USB-EU	USB Mains Power Adapter for EU	—
PSU-5VDC-USB-USA	USB Mains Power Adapter for USA	—

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