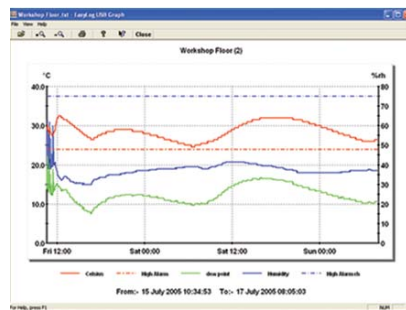


The Authority in Unrestricted Data Logging



LOGIC BEACH'S EL-USB range of data loggers measures and records a variety of parameters such as temperature, humidity, voltage, current and carbon monoxide. Data is then downloaded to a PC where it can be analyzed and viewed as a graph. This innovative range provides direct USB communication, battery operation, compact design and environmental protection.



Temperature

Humidity

Voltage

Current

Carbon Monoxide

Did you know?

As temperature may change slowly, sampling less frequently will prolong battery life and allow for longer studies to be completed.

EL-USB Data Loggers



EL-USB-1 - Temperature USB Data Logger

The world's first direct USB data logger, the EL-USB-1 measures and records ambient temperatures between -35 and $+80^{\circ}\text{C}$ (-31 to $+176^{\circ}\text{F}$). IP67/NEMA 4X protection makes this model ideal for indoor and outdoor applications.

- -35 to $+80^{\circ}\text{C}$ (-31 to $+176^{\circ}\text{F}$) measurement range
- USB interface for set-up and download
- More than 16,000 reading capacity
- Programmable sample rates
- Configuration and graphing software included
- Two programmable alarm thresholds with LED indication
- Replaceable internal battery included
- Translucent cap provides waterproof seal



EL-USB-2 - Temperature & Humidity USB Data Logger

The popular EL-USB-2 measures and records ambient temperatures between -35 and $+80^{\circ}\text{C}$ (-31 to $+176^{\circ}\text{F}$) and humidity from 0 to 100%RH. IP67/NEMA 4X protection makes this model ideal for indoor and outdoor applications.

- -35 to $+80^{\circ}\text{C}$ (-31 to $+176^{\circ}\text{F}$) and 0 to 100% RH measurement range with calculated dew point
- USB interface for set-up and download
- 16,000 readings for each channel
- Programmable sample rates
- Configuration and graphing software included
- Two programmable alarm thresholds with LED indication
- Replaceable internal battery included
- Translucent cap provides waterproof seal



EL-USB-3 - Voltage USB Data Logger

The EL-USB-3 accepts voltage inputs of 0 to 30Vd.c., allowing measurements to be recorded from a wide variety of sensors. Connection to the circuit is via screw terminals housed in the cap.

- 0 to 30Vd.c. measurement range
- USB interface for set-up and download
- More than 32,000 reading capacity
- Programmable sample rates from 1 second to 12 hours
- Replaceable internal battery included
- Configuration and graphing software included
- Two programmable alarm thresholds with LED indication
- Connection via screw terminals located in cap



EL-USB Data Loggers

EL-USB-4 - 4-20mA USB Data Logger

The EL-USB-4 is a 4-20mA data logger enabling quick and easy monitoring of manufacturing processes and equipment. Connection to the current loop is via screw terminals housed in the cap.

- 4 to 20mA measurement range
- USB interface for set-up and download
- More than 32,000 reading capacity
- Programmable sample rates from 1 second to 12 hours
- Configuration and graphing software included
- Two programmable alarm thresholds with LED indication
- Replaceable internal battery included
- Connection via screw terminals located in cap



EL-USB-LITE - Low Cost Temperature USB Data Logger

The EL-USB-LITE temperature data logger provides much of the functionality of the EL-USB-1 in an extremely compact, low-cost package.

- -10 to +50°C (+14 to +122°F) measurement range
- USB interface for set-up and download
- More than 4,000 reading capacity
- 30 minute sample rate
- Configuration and graphing software included
- Two programmable alarm thresholds with LED indication
- Replaceable internal battery included



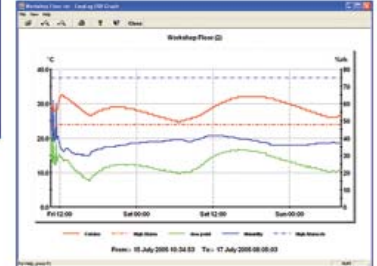
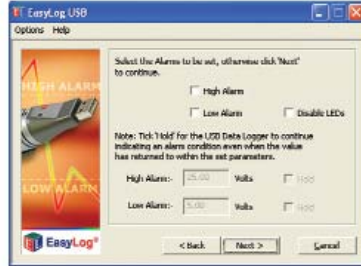
EL-USB-CO - Carbon Monoxide USB Data Logger

The EL-USB-CO measures and records potentially dangerous carbon monoxide gas in the air. This can provide valuable information for process monitoring and about the correct functioning of water boilers, furnaces, fireplaces etc.

- 0 to 1000ppm Carbon Monoxide measurement range
- USB interface for set-up and download
- More than 32,000 reading capacity
- Programmable sample rates
- Configuration and graphing software included
- Programmable alert thresholds with LED indication
- Audible alarm located in cap
- Replaceable internal battery included



Did you know?
Download the latest version
of EL-WIN-USB for free at
www.logicbeach.com



EL-WIN - USB - Data Logging Software

Set-up and download of the full range of data loggers are completed via the EL-WIN-USB software supplied with each of the loggers. With the data logger connected to the PC's USB port, users can assign the logger's identity as well as set the sample rate, alarms and start-time. Data is downloaded almost instantly to a .txt file (using a comma separated variable format) which can be viewed using EL-WIN-USB's graphing software or exported to standard spreadsheet packages for further manipulation.

- Easy to install and use
- Compatible with Windows 98, 2000 and XP
- Assign unique logger identity
- Set sample rate and alarm thresholds
- Powerful graphing application
- Export data to spreadsheet packages

EL-WIN-USB - Data Logging Software

Accessories - EL USB Range

Spare caps for the EL-USB-3 (USB-CAP-30V) and EL-USB-4 (USB-CAP4-20) enable connection to more than one application via the screw terminals.

Replacement batteries for the EL-USB range. Specify the BATT 3V6 for EL-USB-1, EL-USB-2, EL-USB-3, EL-USB-4 & EL-USB-CO. Specify the BATT 3VX5 for EL-USB-LITE.

USB-CAP-30V

BATT 3V6

USB-CAP4-20

BATT 3VX5 (pack of 5)

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