The Portable Series DW-USB-LCD USB Data Loggers displays and records temperature, humidity and dew point. The easy-to-read LCD display shows the current temperature or humidity along with the minimum and maximum reading since last reset. For applications that require more accuracy, a high accuracy temperature and humidity model is available. Thermocouple models can accept any J, K, or T type thermocouple with a mini-plug connector. Series DW-USB-LCD data loggers include a Windows® based software which allows selection of the sampling rate, start time, high/low alarm settings, and temperature unit application. For quick downloading of data, the data logger can be plugged directly into a PC's USB port with no cable required. Downloaded data can then be graphed, printed, or exported to other spreadsheet applications.

Model DW-USB-2-LCD, Temperature, humidity, and dew point USB data logger with display
Model DW-USB-2-HA-LCD, High accuracy temperature, humidity, and dew point USB data logger with display
Model DW-USB-6-LCD, Thermocouple USB data logger with display

ACCESSORIES
1818-0074, Immersion temperature probe
1818-0078, Penetration temperature probe
1818-0082, Surface temperature probe
1818-0085, Air duct temperature probe
1718-0077, Remote temperature probe handle

SPECIFICATIONS

Range:
DW-USB-2-LCD: Temperature: -31 to 176°F (-35 to 80°C); Humidity: 0 to 100% RH;
DW-USB-2-HA-LCD: Temperature: -31 to 176°F (-35 to 80°C); Humidity: 0 to 100% RH;
DW-USB-6-LCD: K-type: -328 to 2372°F (-200 to 1300°C), J-type: -202 to 1652°F (-130 to 900°C), T-type: -328 to 662°F (-200 to 350°C).

Accuracy:
DW-USB-2-LCD: Temperature ±1°F (±0.5°C) Humidity ±3.0%;
DW-USB-2-HA-LCD: Temperature ±0.6°F (±0.3°C), Humidity ±2.0%;
DW-USB-6-LCD: ±2°F (±1°C).

Resolution:
Temperature: 1°F (0.5°C); Humidity: 0.5% RH.

Memory Size:
Thermocouple models: 32510 readings; Temperature/humidity models: 16382 readings.

Sampling Mode: Continuous with data rollover.

Sampling Rate: Selectable from 10 seconds to 12 hours for temperature/humidity models; 1 second to 12 hours for thermocouple models.

Display: 2.5 digit LCD.


Power Requirements: 3.6 1/2 AA battery (included).

Housing: ABS plastic blend.

Alarms: Programmable high/low.

Interface: USB port.

Weight: Temperature/humidity models 1.6 oz (45.4 g); Thermocouple models 1.8 oz (51 g).

Agency Approval: CE, RoHS.