Data Loggers, Miniature

**DATA LOGGERS & RECORDERS**

Dwyer Instruments, Inc. | www.dwyer-inst.com

**Graphical Display Data Logger**

*Measure Temperature, Humidity and Dew Point, Instant Display*

The Model GDL Graphical Display Data Logger can record and instantly display trends for temperature, humidity and dew point. The display can show measurement trends in text or graphic format. Other features include a logging summary which details the sample rate and memory status. Recording starts immediately with the push of a button or at a user specified date and time. With the Windows® based software, the user can select the sampling interval, high/low alarm settings, logging channels and recording start time. Over 40,000 data points can be downloaded by way of a PC’s USB port. Measured data stays secure with a recording session counter and password-protected calibration. The Model GDL comes with batteries, software and a USB cable.

**SPECIFICATIONS**

- **Memory Size:** 43,344 temperature; 21,672 temperature, RH and dew point.
- **Temperature Range:** 15 to 150°F (-10 to 65°C).
- **Temperature Accuracy:** ±1°F (±0.5°C).
- **Temperature Resolution:** 0.01°F (0.01°C).
- **Humidity Range:** 0 to 99% RH.
- **Humidity Accuracy:** ±2% RH, from 10 to 90% RH.
- **Humidity Resolution:** 0.01% RH.
- **Sampling Method:** Stop on memory full or continuous recording.
- **Sampling Rate:** 1 s to 18 hrs, 1 s increments.
- **Computer Requirements:** Windows® 98 and above (software included).
- **Power Requirements:** (3) AA alkaline batteries, installed functional, user replaceable.
- **Alarms:** Programmable high/low.
- **Interface:** USB port (cable included).
- **Weight:** 7 oz (20 g).
- **Agency Approvals:** CE.

**Model GDL, Graphical Display Data Logger**

**Portable Temperature Data Logger**

*Push Button Start, High/Low Alarm Setting*

The Model TDL-10 is a compact and portable data logger used for recording temperature of goods in-transit. It records a wide temperature range from -4 to 158°F (-20 to 70°C). The data logger features programmable high and low alarms that are indicated with green and red LEDs on the face of the logger. The label on the back of the logger allows for important shipping information to be recorded. The TDL-10 can record over 8,000 measurements, and the easy to use TDL-SC software makes retrieving data simple. The TDL-10 can easily be started and stopped from a PC, delayed to start up to thirty days in advance, or begin to start by a push of a button.

**SPECIFICATIONS**

- **Range:** -4 to 158°F (-20 to 70°C).
- **Memory Size:** 8,191 readings.
- **Accuracy:** ±0.9°F (±0.5°C) for 14 to 104°F (-10 to 40°C), ±2°F (±1°C) for -4 to 158°F (-20 to 70°C).
- **Resolution:** 0.2°F (0.1°C).
- **Sampling Method:** Stop on memory full.
- **Sampling Rate:** Selectable from 5 s to 30 min.
- **Computer Requirements:** Windows® 95, Windows® 98, Windows® 2000, Windows® ME, Windows® NT®, and Windows® XP operating system, one free USB port.
- **Power Requirements:** 3 V CR2032 lithium metal battery, installed functional, non-replaceable.
- **Battery Life:** 90 days (approx). 
- **Alarms:** Programmable high/low.
- **Interface:** RS-232 Series (interface cable required).
- **Housing Material:** ABS plastic.
- **Weight:** 12 oz (340 g).
- **Agency Approvals:** CE.

**Model TDL-10, Portable Temperature Data Logger**

**ACCESSORY**

TDL-SC, Software, manual and RS-232 interface cable

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