

USB Humidity and Temperature Logger

The USB Humidity and temperature loggers are ideal for logging temperature during transportation to ensure integrity of the cold chain.

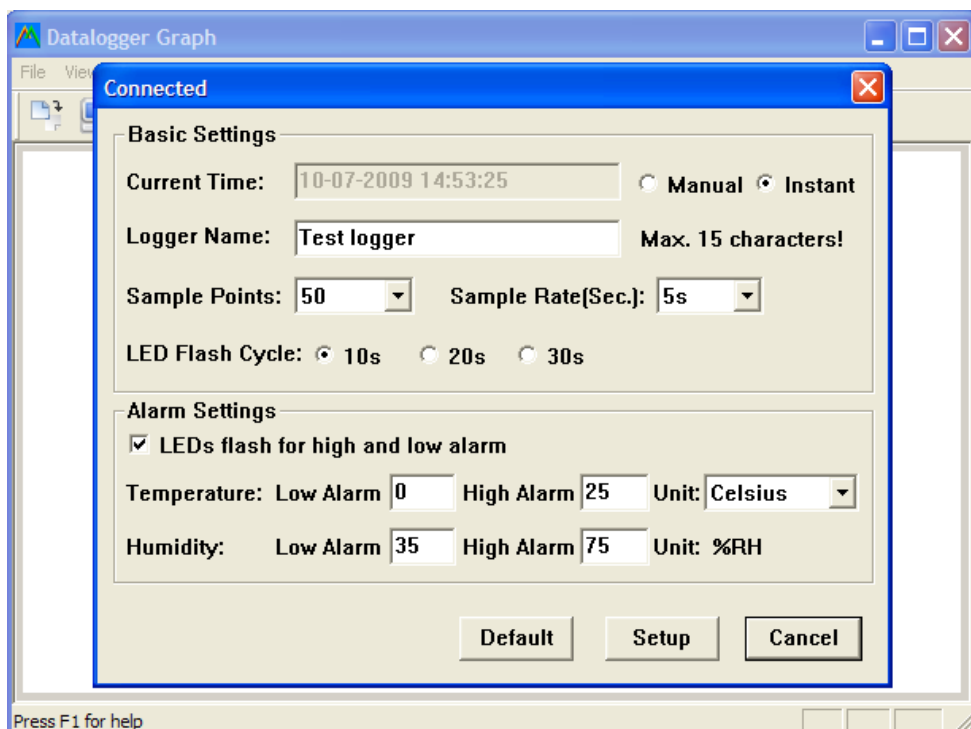
The Alarm LED's will flash to indicate that alarm limits have been exceeded. Data can then be downloaded for analysis to detect thermal damage.



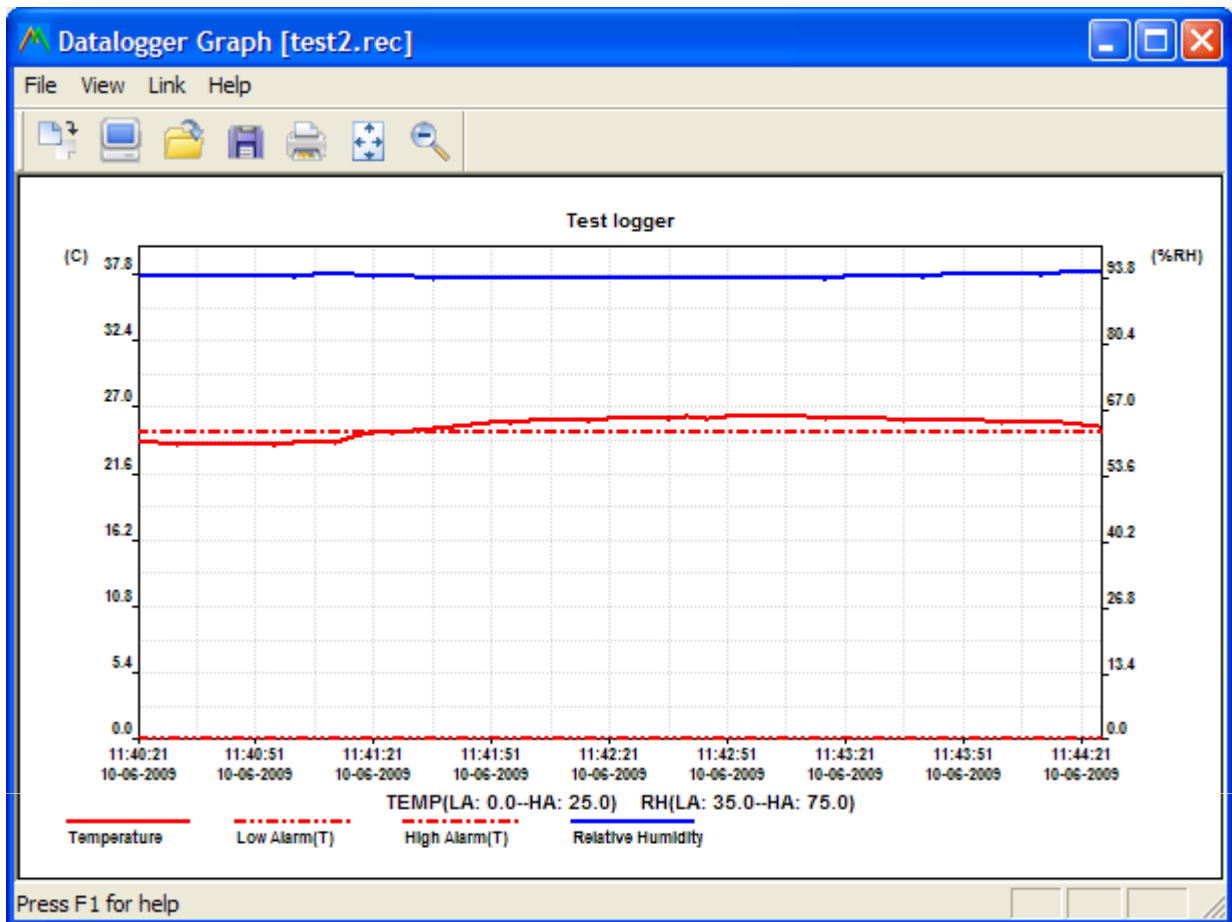
Logger Features

- ▶ Measures temperature between -40°C to 70°C
- ▶ Measures relative humidity between 0 – 100%
- ▶ Stores up to 16,000 temperature and 16,000 humidity readings
- ▶ Sampling rate of 2, 5, 10, 30 s, 1, 5, 10, 30 m, 1, 2, 3, 6, 12, 24 hrs
- ▶ +/- 1°C accuracy, +/- 3% relative humidity
- ▶ Programmable high and low alarm limits
- ▶ Alarm LEDs to indicate alarm conditions
- ▶ Manual or automatic start
- ▶ Interchangeable Celsius or Fahrenheit display
- ▶ Plugs directly into a USB port on a computer
- ▶ Mounting bracket for easy mounting
- ▶ Dimensions 100(L) x 22(W) x 20(D) mm
- ▶ Battery life : 10 sec rate, 2.5 years conditional on ALARM LED

Configuring the logger



Viewing results



The screenshot shows a Notepad window titled "logger1.txt - Notepad". The text content is as follows:

```
>>Logging Name:Test logger
>>FROM:10-06-2009 11:40:21 TO:10-06-2009 11:44:26
>>Sample Points:50
>>Sample Rate:5 sec.
>>Temperature Unit:Celsius
>>Temperature(LowAlarm:0.0-HighAlarm:25.0) Relative Humidity(LowAlarm:35.0
-HighAlarm:75.0)
-----
NO. DATE TIME TEMPERATURE RELATIVE-HUMIDITY DEW-POINT
1 10-06-2009 11:40:21 24.2 94.2 23.2
2 10-06-2009 11:40:26 24.1 94.3 23.1
3 10-06-2009 11:40:31 24.0 94.3 23.0
4 10-06-2009 11:40:36 24.0 94.3 23.0
5 10-06-2009 11:40:41 24.0 94.3 23.0
6 10-06-2009 11:40:46 24.0 94.3 23.0
7 10-06-2009 11:40:51 24.0 94.3 23.0
8 10-06-2009 11:40:56 24.0 94.3 23.0
```