

G5-Data Logger

Easy use data logger for scientific experiments

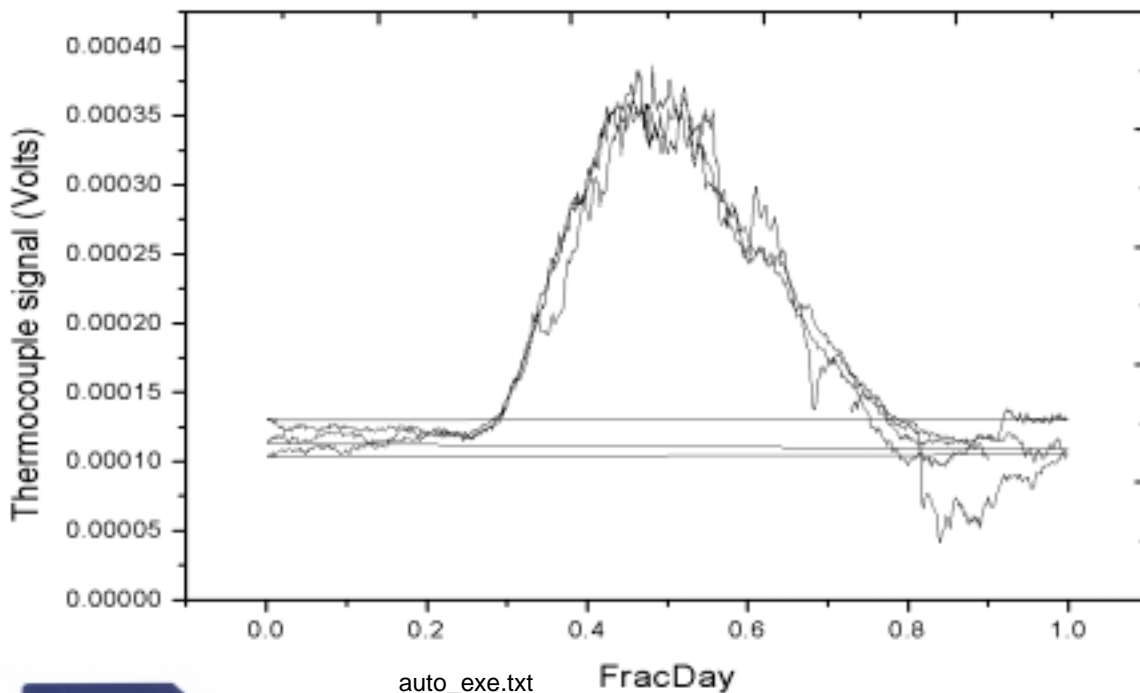


Features

- Easy use and setup
- Designed for scientific experiment
- LAB-grade data converter (20Bits ADC)
- Sampling interval 10s to 1Hr
- Up to 2GB storage capacity
- CSV data file for spreadsheet software
- Internal clock for time stamping
- Battery powered for site logging

G5 Data Logger is designed for capturing the analog signal to the memory card with a programmable sampling interval. The data converter is 20-bit delta-sigma technology. The 8-channel analog input accepts 0-1VDC signal. With the high resolution data converter, the sensors may tie to the analog input without the need of any amplification. The interval between samples can be programmed from 10s to 1Hr. In addition, the digital input, pulse and frequency signals are also available. Using the memory card, the data file can be transferred and analyzed by spreadsheet software easily.

Roof temperature for 3 days logging



Sample graph that measured the roof temperature using thermocouple. The plot is repeated for 3 days.



2.0GB SD card

07:00 05/02/2010 1 A

Sample setup file, set internal clock to 7:00 time to 5/2/2010, Sampling interval 1min and station name to A

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