

The μ logger – 4V

Key Features

Serial RS232 connectivity

Four separate voltage channels.

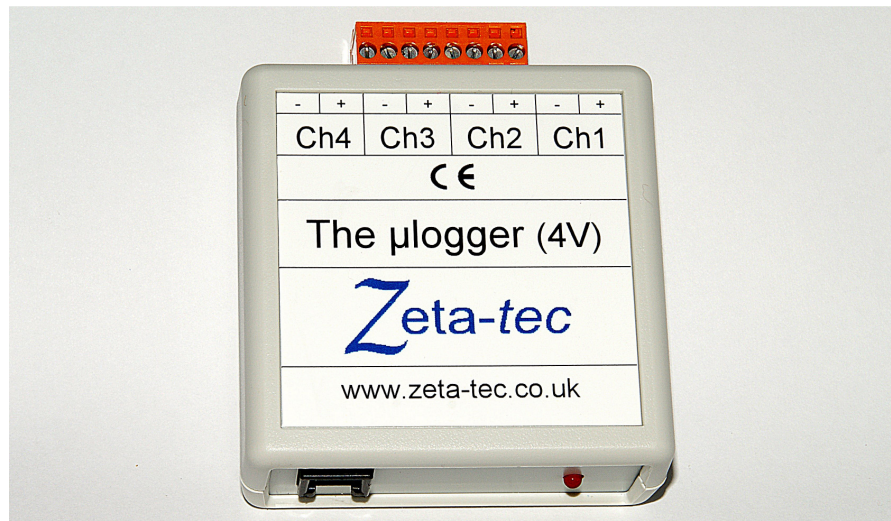
12-bit (0.025%) resolution.

Almost any sensor producing a voltage or current output can be scaled and linearised.

Can operate for up to two years on an AA battery.

Up to 32000 samples can be stored in non-volatile memory.

Small size: 65mm. x 65mm. x 28mm.



The μ logger – 4V (pronounced micro-logger) is a small, high quality and versatile battery powered remote data logger. The μ logger has four voltage (0 –2v) inputs channels. Additionally the μ logger can be used with alternative sensors, leads and supplied lookup tables to measure parameters like current, light level, barometric pressure, humidity, strain or 4–20 ma.

High quality precision components are used throughout.

The software allows the μ logger to be configured before leaving it at the logging site. At the end of the logging period your data is offloaded and can be displayed and analysed using the same software.

Available from:

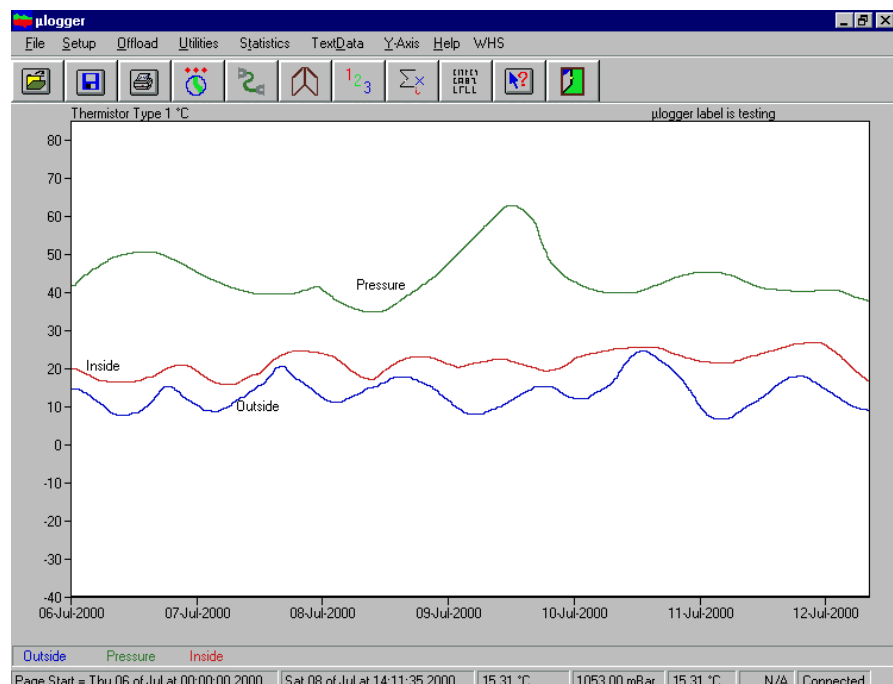
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TECHNICAL SPECIFICATIONS

Hardware

- ❑ Up to 12 bit (0.025%) resolution with a basic 0.25% accuracy, 8-bit and 10-bit resolution can also be set to maximise memory usage.
- ❑ Four voltage input channels; one, two, three, or all four channels can log simultaneously.
- ❑ Voltage range 0 – 2v and 1Mohm input resistance.
- ❑ Up to 32000 measurements (depending on resolution required) can be recorded or over 8000 time events and their occurrence time.
- ❑ Logging interval 1sec. - 12 hours.
- ❑ 1 AA user replaceable battery (lasts for up two years).
- ❑ High specification industrial grade components used throughout for maximum reliability.

Software (a trial version can be downloaded from our Web-site)

- ❑ Runs under W95 (or greater) or NT 4.0 (or greater).
- ❑ Graphical or textual display for your data.
- ❑ Zoom in on your data.
- ❑ Scroll through your data.
- ❑ Name your probes.
- ❑ Min., Max. and average calculation.
- ❑ Save and load data and files.
- ❑ Save and load configuration files.
- ❑ Set 'look-up' tables to use for each channel.
- ❑ Set start & stop time (stop when full, after a set time or allow memory rollover).
- ❑ Log while connected to PC.
- ❑ Interrupt driven serial comms. (COM 1 – 4).
- ❑ Print data graphs.
- ❑ Export data to your spreadsheet.

Available form Zeta-tec: Model No. ZT-1003.

E & O.E.