

Modifications Made to TECLOG Software

New Features / Enhancements with Version 1.1 (released October 2004)

- TECLOG is now compatible with The Energy Conservatory's new DG-500 pressure gauge.
- TECLOG can now monitor and record pressure readings from a second "auxiliary" data acquisition device (the auxiliary device must be a DG-700 or DG-500 gauge). If TECLOG establishes a second communication link with either a DG-700 or DG-500, then its two pressure channels will be available for monitoring along with the pressure channels from the primary data acquisition device (up to a maximum number of 8 pressure channels). In addition, if the auxiliary device is a DG-700, TECLOG will add a second fan control interface.
- The fan speed control adjustment is more sensitive. The minimum change in the speed output signal is 0.01% instead of 1%.

Bugs Fixed with Version 1.1

- When the Sample Interval is set to 0 (i.e. data are plotted and displayed as fast as possible), the program can sometimes experience a DABXServer buffer overflow. This is normal and could happen, for example, as a result of a user interacting too much with the graph during data acquisition. In version 1.0, data logging would not properly restart after experiencing the buffer overflow. This has been corrected in Version 1.1.
- In Version 1.0, using a DG-700 with a USB to serial adapter would occasionally cause the DG-700 to not be recognized when you start recording data. This has been corrected in Version 1.1.
- In Version 1.0, if you were data logging with a DG-700 and you turned off the DG-700 and then turned it back on, you sometimes get a low battery warning message. When you got this low battery warning, if you then exited TECLOG, the subprogram "DABXServer" would not exit properly. This has been corrected in Version 1.1.
- In Version 1.0, if attempting to select the last data point in Stats mode during data recording, the program would indicate that you had selected up to point #3600 (or whatever your graph memory was set to). This has been corrected in Version 1.1.
- When the Stats feature is active, the Event Marker editing feature is turned off in Version 1.1. This prevents activating an Event Marker text window when placing the Stats area lines.

Bugs Fixed with Version 1.2 (released April 2005)

- Versions 1.0 and 1.1 occasionally had a problem creating a communication link with an APT data box when using a USB to Serial adapter. This has been corrected in Version 1.2.
- In Versions 1.0 and 1.1, Event Marker text is hidden following graph rescaling. This has been corrected in Version 1.2.
- In Versions 1.0 and 1.1, the Measurement Line moves when the legend is clicked. This has been corrected in Version 1.2.

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- The COM Port test has been upgraded in Version 1.2 to provide a low battery warning. In Versions 1.0 and 1.1, a low battery condition was simply reported as a “fail”.