

Agilent 34825A BenchLink Data Logger II Software for Agilent 34970A

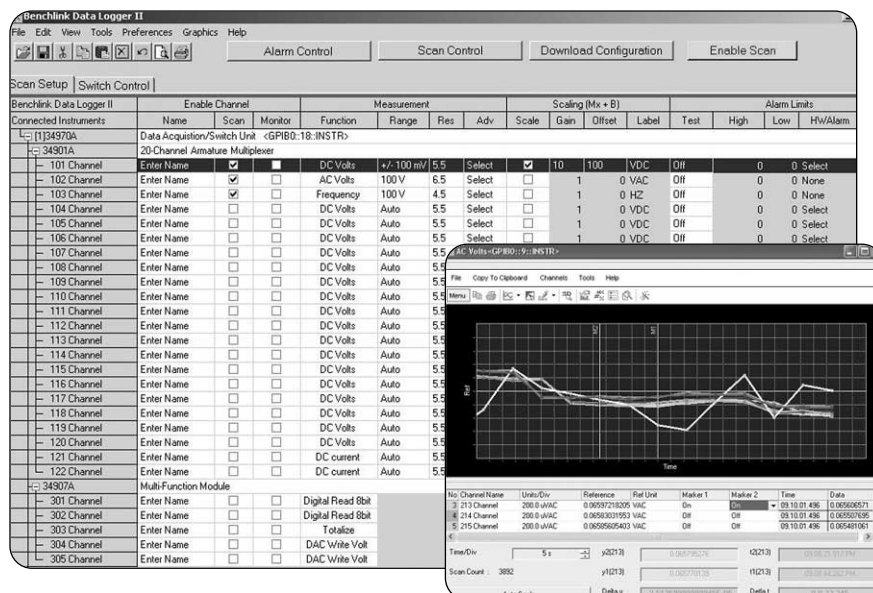
Key features

- *Easy spreadsheet-like test setup*
- *Real-time display and analysis of measurements*
- *Store data or export to other applications*
- *Monitor multiple channels over a specified time period*
- *Set alarms*
- *Use with up to 4 instruments*
- *Analyze and graph results*

Simplify your data gathering with BenchLink Data Logger II software

The Agilent BenchLink Data Logger II software provides a convenient way to collect and analyze your data. The software is a Windows®-based application that uses a familiar spreadsheet environment to collect and display your measurement data. Simply identify the measurements you want to acquire, initiate the process, and see the data displayed real-time. You can use one of the many options to analyze and display your data—strip charts, histograms with statistical analysis, bar and scatter charts, individual channel results, and more.

With the BenchLink Data Logger II software you get PC-based data logging capability without spending hours programming. The Windows user interface is localized into multiple languages and includes context-sensitive help. With the Windows style GUI, you can specify individual channel setups and perform statistical calculations



to analyze the data points you want. Create computed channels for mathematical relationships with +, -, *, /, dB, dBm, dBV, x², SRT, full, 1/2 or 1/4 bridge strain.

You can graph your data, save it to disk, or copy data to the Windows clipboard for export to other applications. The raw data is saved in .CSV, .XML, or .TXT formats. These formats are also easily imported into standard Microsoft® applications such as Microsoft Word and Excel for further analysis and documentation.

Whether you monitor incoming data or review historical data, you can use one of the many analog or digital options to display your data. Add, delete, size, and configure

your displays real-time. Specify multiple channels per graph, or send your data to multiple graphs. Use strip charts that include markers and alarm indication, or histograms with statistics. Additional display options include single channel results with AVG, MIN, and MAX. While graphing the data, you can add notations and copy the graphs into other applications for inclusion in presentations or reports.

Conversion tools are also provided. If you have test setups saved from the previous BenchLink Data Logger Software, you can use these tools to import your files into the new Data Logger II software and save them in the new format.



Agilent Technologies

Specifications

System Requirements

Operating system: Windows 98SE, NT®4.0 SP6a, 2000 SP4, XP

Adobe® Acrobat® Reader V5.0 or higher
(to view documentation)

Microsoft Internet Explorer V5.0 or higher
(required when using Windows NT)

Controller: Recommend Pentium® 4,
800MHz or greater, Min: Pentium III,
500MHz

RAM: Recommend 256MB or greater,
Min 128MB

Disk Space: Recommend 200MB,
Min 70MB

Display: 800x600 resolution, 256 colors

Instrument Requirements

34970A Data Acquisition/Switch Unit
with communication via:

- Serial port (COM1, 2, 3, or 4)
- IEEE-488 GPIB card
- LAN/GPIB Gateway—E5810A
- USB/GPIB—82357A

Localization

GUI fully localized with context-sensitive
help in English, Simplified Chinese,
Japanese, Korean, French, and German.

Ordering Information

34825A BenchLink Data Logger II
software for 34970A

*Note: The BenchLink Data Logger II
software ships for free with all new orders
of 34970A that has the DMM option.*

Related Literature

Agilent 34970A Data Acquisition/Switch
Unit, datasheet pub. no. 5965-4443EN



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