

DASYLab

Graphical Data Acquisition Software

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Easy-to-use graphical data acquisition software package

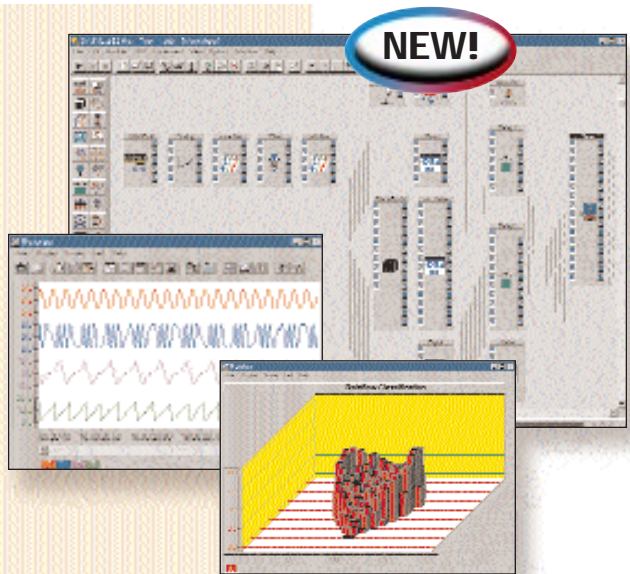
Integrated function modules for:

- Analog I/O
- Digital I/O
- Triggering
- Mathematics
- Signal analysis
- Control
- File I/O
- Display
- Data reduction

Supports a wide range of National Instruments data acquisition hardware

Operating Systems

Windows NT/98/95



Instrumentation and
Analysis Software

Easy-to-Use Software

DASYLab is an easy-to-use, Windows-based graphical data acquisition software package with which you build data acquisition and control applications more quickly and easily. By using an icon-based flowchart, you can develop your application with point-and-click ease – no programming required. In addition, DASYLab works with a wide range of National Instruments data acquisition hardware.

Function Modules

DASYLab offers an array of acquisition, control and analysis function module icons that can easily be connected in a schematic diagram, representing the flow of data in the worksheet. Function modules include analog input (ADC); analog output (DAC); triggers; digital I/O; function generators; digital filters; spectral/FFT analysis; and mathematical, statistical, and logical operations. You can output files in several formats, or through DDE with other programs. Various types of display modules offer a range of options for your individual display screen.

Data Acquisition and Display

With DASYLab, you can acquire data up to 1 MHz and display the acquired signal at throughputs of up to 250 kHz. You can also stream your input data to hard disk.

You can display data in strip charts, y-t graphs and x-y graphs with a selectable system of linear, logarithmic, and polar coordinates. You can also display your results in bar graphs, analog or digital meters, and status lamps. Additionally, you can change your display settings or select the data channels to be

displayed while the system is running.

With the DASYLab VITool, which is included with the DASYLab Full Version, you can design up to 200 animated screen pages, integrating and arranging any DASYLab display instruments as well as text, bitmap images, graphic objects, control buttons, and so on. You can activate any of these pages according to current process conditions, so you can easily view and control the process. With this same ease, you can create up to 200 printout pages. Any of these pages can be printed automatically based on predetermined events.

For additional power and flexibility, with extensions for instrumentation, machine vision, Internet connectivity, and more, you can technically migrate your DASYLab application to LabVIEW with the DASYLab-to-LabVIEW Migration Kit. The kit includes software and documentation to help you incorporate your DASYLab application into LabVIEW.

Ordering Information

DASYLab Full Version	777820-03
DASYLab Basic Version	777821-03
DASYLab Run-Time Version	777825-03
DASYLab-to-LabVIEW Migration Kit	777826-03