Temperature

Stress, Pressure, Flow

Noise & Vibration

Velocity, Acceleration

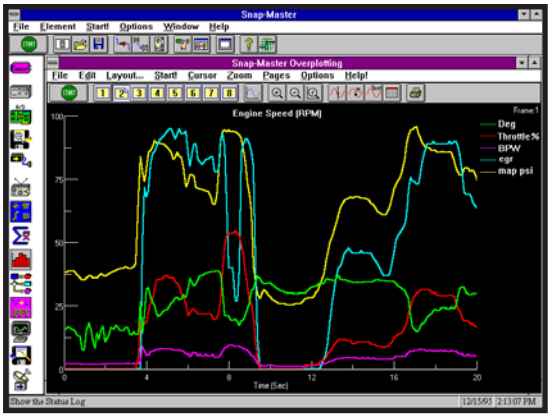
In-Vehicle Testing

Laboratory & Field Testing

Plant & Systems Monitoring

Snap-Master™ for Windows

The Software Solution for Data Acquisition and Analysis



Industry Leadership

In 1991, Snap-Master™ was the first data acquisition and analysis package to take full advantage of Microsoft® Windows™. Snap-Master continues to bring leadership and innovative technology to the test and measurement industry. The result has been steady growth, product innovation through customer requested features, and respect from the consumer and editorial community.

"Snap-Master's Graphics are Second to None"

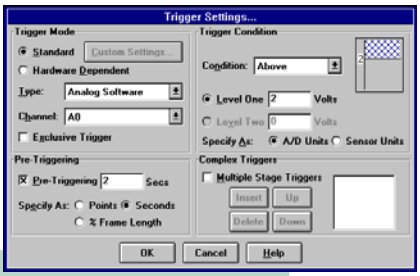
- BYTE magazine

Product Philosophy

Snap-Master is recognized for its no programming approach and ease of use. The standard modules intuitively integrate data acquisition, high-speed data streaming to disk, data retrieval, powerful time and frequency domain analysis with real-time plotting, monitoring and control capabilities.

Snap-Master's power doesn't stop there. The open architecture allows you to customize Snap-Master to meet the needs of your application. Use the add-on programming modules to extend Snap-Master's already powerful capabilities beyond any other data acquisition solution.

Snap-Master™ for Windows



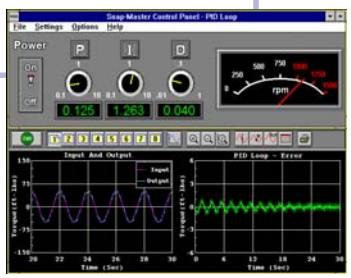
Data Acquisition

Supports over 350 I/O devices including plug-in cards, parallel port, USB and PCMCIA cards by leading manufacturers. We offer you optimum choices to best fit your application needs. Snap-Master provides real-time acquisition from Analog, Digital, and Counter/Timer hardware simultaneously.

- Burst acquisition up to 1MHz
- Concurrently plot data up to 330KHz
- Overplot channels on multiple Y axes
- Send/receive data via DDE

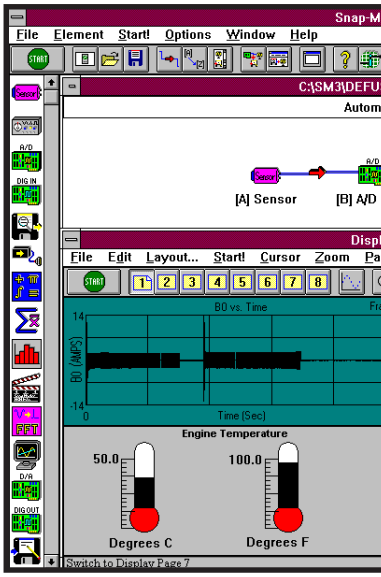
Front Panel Library

Provides tools and example source code to program custom human interfaces for Snap-Master using Visual Basic or C/C++. Automate a test procedure or sequence, emulate the user interface of a specific piece of hardware, generate a report, and more.



Quick a

Snap-Master's flow-chart appro power for a wide variety of appli ments to emulate oscilloscopes, ture gauges, and more, without Quickly add functionality to you ment by simply clicking and dra toolbox.



Custo

The Programmer's Toolkit expar built-in features. It takes full ad architecture, allowing you to wri customize your system for dema Programmer's Toolkit consists c Library and Data Gateway. Also Hardware Driver Interface (HDI programmers to write Snap-Mas

Other HEM Data Services

- Application Support
- Extended Support Programs
- Technical Training
- Engineering Consulting
- Software Customization
- Sales Seminars in your area

System Requirements

- Microsoft Windows XP, 2000, NT, ME, 98
- Only 5 MB free disk space
- Pentium II processor or higher

Call 1-800-HE

for your fr

nd Easy

ach is easy, intuitive, and has the
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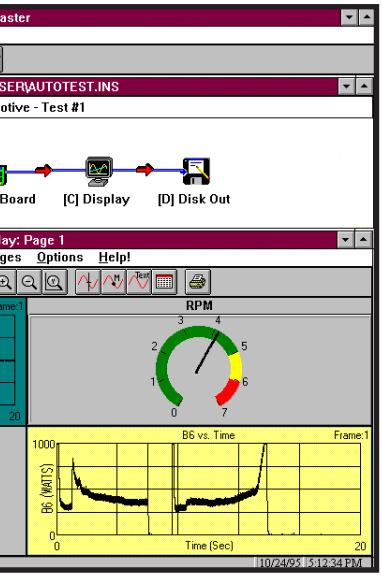

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nds Snap-Master's powerful
vantage of Snap-Master's open
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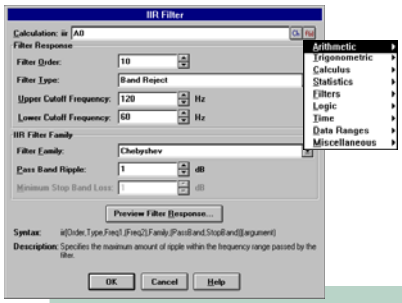


Data Analysis

Waveform Analyzer

Provides over 50 powerful time domain analysis functions, decision making, event detection, and digital filtering options.

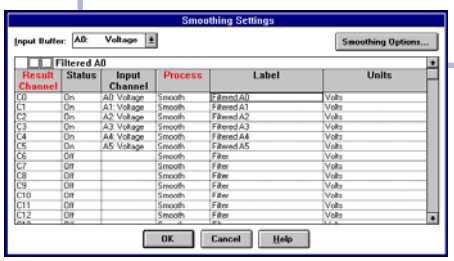
Frequency Analyzer

Provides frequency domain analysis including Fast Fourier Transforms (FFT), octave band analysis, and over 20 frequency domain analysis functions.

- Real-time or post process analysis
- Import/export CSV files
- Generate arbitrary waveforms to test analysis routines

Data Gateway

Provides linkable libraries and example source code for C/C++ programmers to create custom Snap-Master elements. These real-time elements are used to implement custom analysis routines, read and write custom data formats, and create custom data displays.



What's your application?

Since 1982, HEM Data has been specializing in acquiring and analyzing hydraulic, electrical, and mechanical data. These years of experience and expertise provide a basis for solving your application needs, including:

Aerospace

Automotive

Biomedical

Educational

Electrical

Geological

Materials

Mechanical

Oil & Gas

Utilities

"Our engineering lab is designed around Snap-Master software. Its speed and flexibility reduces our prototype testing time."

- Brian Klockow, Husco

EM-4330 today
ree demo disk!

Ordering Information

There is no risk in trying any Snap-Master software package--you may evaluate the software for up to 30 days. If you are not satisfied for any reason, return the package for a prompt refund.

No Programming Modules

Data Acquisition (SM-DA)
Waveform Analyzer (SM-WA)
Frequency Analyzer (SM-FA)
Snap-Master Complete (SM-COM)

Programming Options

Front Panel Library (SM-FPL)
Data Gateway (SM-DGW)
Programmer's Toolkit (SM-PT)
Hardware Driver Interface (SM-HDI)

uthfield MI 48076-2123 U.S.A. Phone: (248) 559-5607 Fax: (248) 559-8008 Website: www.hemdata.com

PC-Based Data Acquisition Benefits...

Snap-Master™ for Windows

Replaces expensive stand-alone equipment

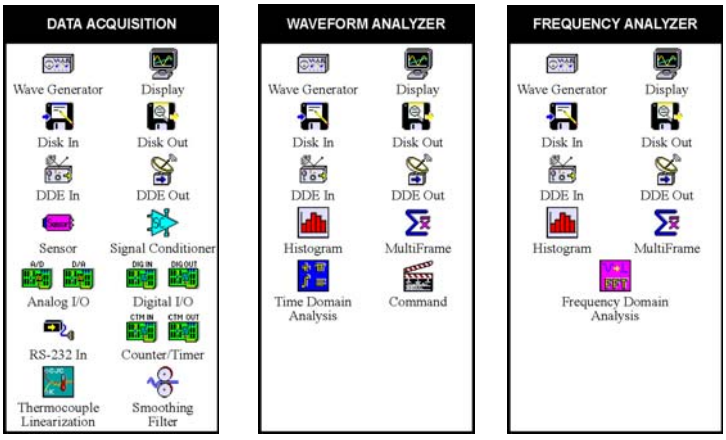
Snap-Master saves you money, adds flexibility, and provides a familiar human interface compared to conventional stand-alone equipment. Turn your PC into a data acquisition system, digital storage oscilloscope, strip-chart recorder, PID controller, frequency spectrum analyzer or waveform generator.

Requires less development time, minimal set-up

Create software-based virtual test instruments quickly. With Snap-Master, you are collecting, analyzing, and displaying data in minutes.

Reduces learning time, increasing productivity

Arrange Snap-Master's functions in the order you want by using the drag and drop flow-chart design. Snap-Master's intuitive flow-chart approach avoids the "icon-overload" of other software programs, without sacrificing the power of a "programming environment."



Snap-Master has three "no programming" modules: Data Acquisition, Waveform Analyzer, and Frequency Analyzer. Each module operates as a stand-alone package, or integrated into a complete data acquisition and analysis solution.

Included in all Snap-Master modules are features you expect like CSV file support, arbitrary and fixed function waveform generation, and high resolution printing. Advanced features such as real-time data analysis, a sensor database, and full DDE support (great for sending data to your spreadsheet in real-time) are already included in Snap-Master to meet your growing test requirements.

HEM Data Corporation
17320 12 Mile Rd.
Southfield, MI 48076-2123
U.S.A.

Forwarding and Address Correction Requested

HERE IS THE INFORMATION YOU REQUESTED!