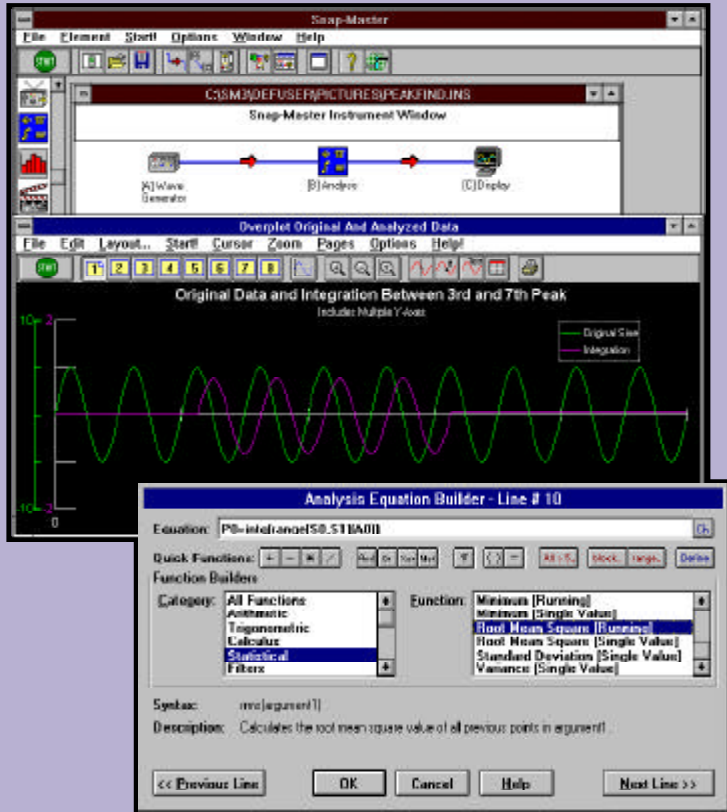




Waveform Analyzer



Snap-Master's™ Waveform Analyzer is the engineer's smart alternative to spreadsheet programs. Waveform Analyzer concentrates on the analysis functions demanded by engineers for laboratory and field testing. With its wizard-style ease-of-use and powerful functions, the Waveform Analyzer is a superior tool to analyze, manage, and streamline your testing.

GO BEYOND SPREADSHEETS

Why use a business package to analyze your engineering and scientific data? Unlike spreadsheet programs which only handle a limited number of data points at a time, Waveform Analyzer processes millions of points. Snap-Master thinks like you - in terms of waveforms, not individual data cells. Special event detection functions find when a data set meets specific criteria. This eliminates the time consuming task of manually pouring through large data files. Of course, with our robust dynamic data exchange (DDE) and file support, you can easily import data to Snap-Master and export data to other specialty programs (trending, SPC, modal analysis, etc.).

GET IMMEDIATE RESULTS

All of Waveform Analyzer's functions are available both during acquisition and for post-processing data files. Analyzing the data in real-time reduces the number of steps in your test process, increasing both your productivity and the quality of the data. You can even perform actions based on the results. For example, use logical functions such as IF..THEN..ELSE statements to perform "pass/fail" analysis or send out alarms as digital or analog outputs.

VERIFICATION THROUGH SIMULATION

Snap-Master has a built-in Waveform Generator giving you the ability to create your own waveforms. Choose from 11 functions to quickly and efficiently test your custom algorithms. Save time and money by validating the accuracy of your algorithms against expected results in your lab or office before conducting expensive field testing.

QUICK AND EASY EQUATION BUILDING

Build complex equations with the easy-to-use point & click Equation Builder. It guides you through each function with clear step-by-step descriptions, so you seldom need the manual. Important functions such as IIR and FIR digital filters even include a special preview to show you how the analysis affects your results. From setting up the test instrument to producing the results, Snap-Master's Waveform Analyzer is the fastest way to get answers.

"Snap-Master's Waveform Analyzer is an excellent solution for engineering data analysis."

- Michael Palumbo, General Motors

Real Solutions for Real Problems

SMART CALCULATIONS...

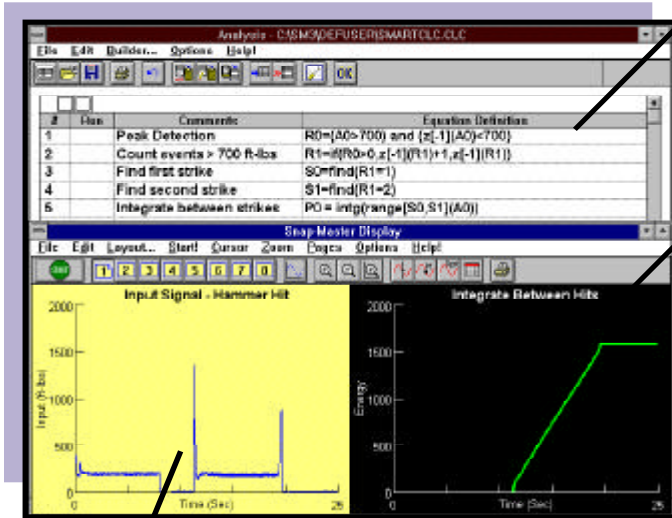
Tired of scanning through data just to find points of interest? Snap-Master's powerful analysis functions let you describe what you are looking for, then finds the corresponding results! You can even use the results for other calculations, such as the integration between peaks, as shown here.

1

A familiar syntax and powerful list of functions (such as event detection, integration, time shifts, and more) makes analyzing your data easy.

2

Smart calculations only analyze the portion of data you want, such as between these peaks. All in one step!



3

Built-in functions define the data peaks and find when they occur (beats doing this manually with a cursor).

4

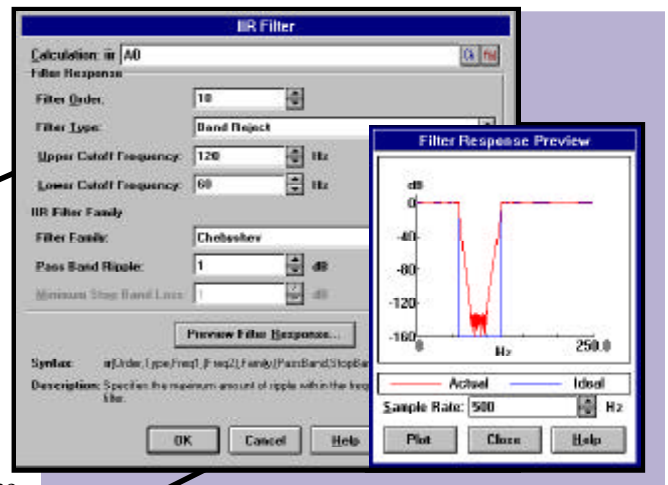
The Equation Builder guides you through all steps of equation writing. Just fill in the blanks - no guessing!

5

Before you filter your data, preview the design of your digital filter and its response with the Filter Function Builder.

...SMART RESULTS

Waveform Analyzer's powerful syntax and easy Equation Builder provides better results faster than ever, dramatically reducing the amount of time it takes to analyze your data. How's that for improving your productivity?



Waveform Analyzer Features

- Arithmetic, Trigonometric, Statistical, Integration, Differentiation, Logic, Digital Filters, Event Detection and more
- Post Processing and Real-Time analysis all in one package
- Display: meters (bar, dial, digital), plots (Y-T, Y-X), histogram
- File I/O: (CSV, ASCII, Binary formats)
- Arbitrary and Function Waveform Generation (11 functions: sine, square, sawtooth, triangle, cosine, ramp, etc.)
- DDE In and Out

"Unusually flexible DDE is a hallmark of Snap-Master for Windows..."
- Personal Engineering and Instrumentation News

System Requirements

- Microsoft® Windows™ XP, 2000, NT, Me, 98
- Only 5 MB Hard Disk Space
- Pentium II or Higher



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