Macintosh: Data Aquisition, Analysis, and Display

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TOPIC ----------

I want a package that can pull information directly from an oscilloscope and graph it so that the chart can later be integrated into a Macintosh word processing document. I know of National Instruments' products, but they aren't appropriate for my application. Do you have any alternatives?

DISCUSSION ----------

We searched the Macintosh Buyer's Guide on AppleLink and found two companies that may be able to help.

Ansan Industries, Ltd's MacScope

MacScope from Ansan Industries, Ltd. is a turnkey data-acquisition system that combines the measurement capability of Gould's model 1425 Digital Storage Oscilloscope with the high-resolution graphics and user interface of the Macintosh. Desktop engineering and desktop publishing are combined in a system that can handle data acquisition and presentation tasks. MacScope can do in-depth computation and analysis and generate presentation graphics or technical documents. Data is captured at two samples to two megasamples per second for one-shot events. Repetitive waveforms can be stored with a 20MHz bandwidth in the equivalent time mode.

Spectral Innovations' MacDSP24MC and MacDSP16K

Spectral Innovations' MacDSPSW-002 is an interactive signal-processing package that offers real-time spectral and time analysis, filtering, modulation, and other signal processing techniques at a mouse click. This lets you see effects on processed data immediately.

Analog and digital signals are sampled at up to 1MHz using Spectral Innovations' data-acquisition expansion cards. Sampled signals are instantly processed by the MacDSP signal processing card with screen updates 20 times per second. Real-time color displays include oscilloscope, spectrum analyzer, waterfall, spectrogram, and three-dimensional contour graphs.

For more details, search the Tech Info ibrary under "Ansan Industries" and

"Spectral Innovations."

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