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TECHNOLOGY GROUP

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with experienced engineers and technicians on staff.

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along with credit for buybacks and trade-ins.

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so your equipment works exactly as you specify.

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- In stock / Ready-to-ship
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Find the *LDS / Dactron FCS-100* at our website: *Click HERE*

Focus



Products

Signal Analyzers

- Focus
- Photon
- SpectraBook

Shaker Controllers

- LASER
- COMET

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Whether you need to do signal processing, vibration analysis, order tracking, or octave analysis, Focus offers a ready-to-test solution. Plus, Focus can simultaneously do analysis while streaming data to the computer's hard disk, so that there is no need to wait for post-processing to see critical results.

Focus is both powerful and convenient. Its blazing 42 kHz real-time rate and 24-bit precision give accurate results fast. USB plug & play lets you connect Focus to your PC in an instant, allowing you to test in a moments notice.

Focus comes with Dactron's easy to use, flexible RT Pro software for general signal analysis. From measurement setup to report generation, the Focus with RT Pro saves you time and helps to ensure that you get the right results without error.

All this power comes in a rugged, compact system that is as at home in the field as it is in the lab. Even better, modular hardware and software upgrades make Focus a very affordable solution for your testing needs now and for projects to come.

- **Up to 20 inputs channels**
- **USB 2.0 high-speed interface**
- **Concurrent analysis & disk throughput**

USB Connectivity

Focus connects to any PC as a USB 2.0, 1.1 or 1.0 device. Focus greatly simplifies analyzer hookup by taking advantage of USB plug & play to provide quick connection to any USB equipped PC.

Easy to Use

Focus operates like an instrument. Its application-tailored Windows XP/2000/Me/98 packages reduce learning time and make it easy to get results quickly. One-click report generation eliminates the tedium of creating test documentation. Exporting data is effortless for easy sharing with other analysis programs.

Measurement Flexibility

Concurrent analysis and disk throughput provides immediate viewing of results while retaining the raw data for in-depth analysis or backup. Sampling channel pairs at different rates allows acquisition of signals with dissimilar frequency content, such as low frequency structural vibrations and high frequency acoustic emissions.

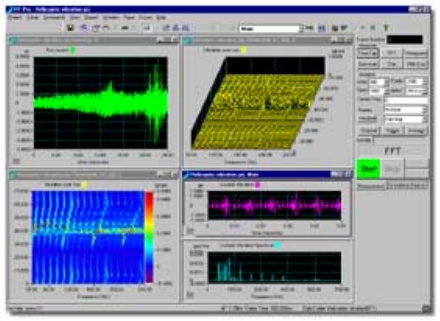
Portable and Rugged

Fully loaded, Focus weighs less than 10 lbs (4.5 kg) with a footprint a little larger than a notebook computer. The high-strength steel/aluminum chassis and shock guards protect the Focus from shock and vibration. An Optional battery packs allows you to test on-site without an AC power outlet.

Fast Processing

A distributed DSP architecture, with a DSP per every two input channels, powers a real-time rate of 42 kHz on all channels to get results fast. The

- **Windows XP/2000/Me/98**
- **24-Bit resolution**
- **ICP & TEDS**



Click the picture to magnify

Flexible displays and readily accessible toggle buttons for measurement set up and control makes it easy to get results fast.

high-speed USB 2.0 interface enables disk throughput rates of over 1.6 Msamples/sec.

Multi-tasking Power

Perform multiple tasks in different programs without compromising speed. Focus performs all measurement and signal processing independent of the PC. The result is maximum computer responsiveness and fast graphics while measuring.

Superb Accuracy

Focus offers superior precision. All inputs and outputs are 24-bit resolution, protected by both analog and digital anti-alias filters, providing full confidence in the data integrity. Six voltage ranges together with auto-ranging maximize the measurement dynamic range even for low-level signals. All DSP computations use 32-bit, floating-point arithmetic, ensuring the highest accuracy for all calculations.

Modular & Expandable

The modular architecture of Focus allows easy and cost-effective upgrading. Focus comes standard with four inputs and dual sources. The expandable architecture allows easy addition of input channels, in four channel increments up to sixteen inputs with dual outputs, or twenty inputs with no outputs. Since the DSP power scales with the channel count, peak performance is always delivered.

Brochure and Software Demo

Download Complete Focus Brochure in pdf format

Download Dactron Dynamic Signal Analyzer Demo

Technical Specifications

Focus Dynamic Signal Analyzer

RT Pro Signal Analysis and Waveform Source Software

Modal, Waveform Recording, Analyze Anywhere, Environmental Data Reduction, and Automated Test

Acoustic Analysis, Advanced Graphics, RPM Spectrum Processing, and Realtime Order Tracking

Dactron Rotate and Rotate Plus

Product Briefs

RT Pro-Signal Analysis and Waveform Source

RT Pro

Advanced Graphics Option for RT Pro

Report Generation Option for RT Pro

Analyze Anywhere Option for RT Pro

Realtime Data Exchange Option for RT Pro

Acoustics

Acoustic Analysis Option for RT Pro

Rotating Machinery Analysis

RPM Spectrum Processing Option for RT Pro

Realtime Order Tracking Option for RT Pro

Waveform Recording & Playback Option for RT Pro

Automated Test Option for RT Pro

Network Enabled Test Option for RT Pro

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

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