

Introducing a breakthrough in PC  
based data acquisition that...



# cougar

...lets you do your work up to  
10 times faster!

**Quality**      **Modularity**  
**Automation**



# cougar2000

## Speed & Precision

**System Components: 2x Digitizer DC240, Crate CC103, Interface IC210, Accessory XC200 and AcqirisWorks CD**

The top-of-the-line Cougar2000-4 has it all. Four full-channels each with 2 GS/s sampling rates, 500 MHz bandwidth and 256 kpoints memory lengths

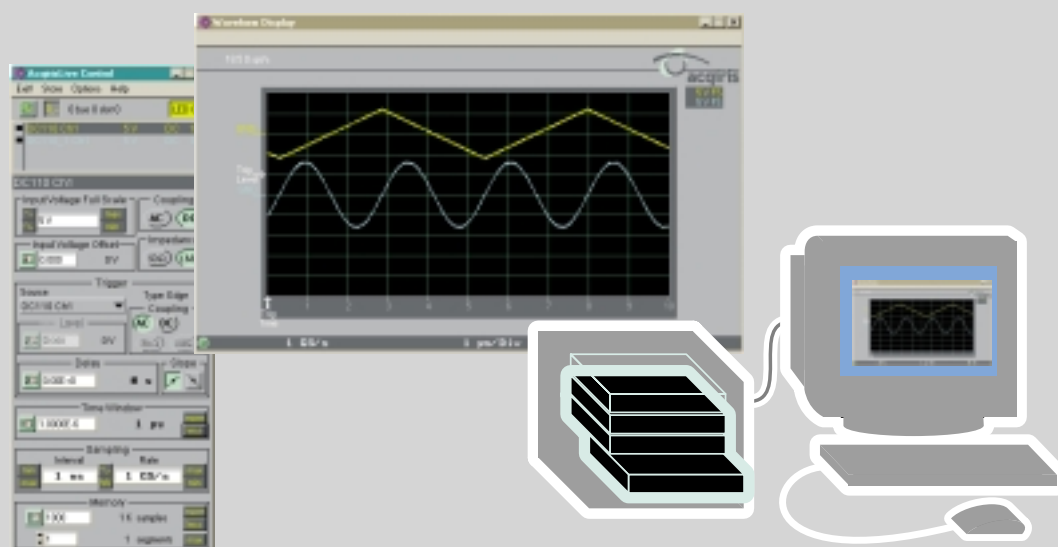


16 Mpoints optional). It's a system that makes automated measurements on multi-input signals faster and easier than ever before. Cougar2000-4 also includes a fiber optic communications capability to your PC. Now you can protect your data's integrity and operate in the most remote environments!

### Cougar

| Characteristics             | 500           | 1000          | 2000-2        | 2000-4        |
|-----------------------------|---------------|---------------|---------------|---------------|
| Channels                    | 4             | 4             | 2             | 4             |
| Bandwidth [MHz]             | 150           | 250           | 500           | 500           |
| Sample Rate [MS/s]          | 500           | 1000          | 2000          | 2000          |
| Max Mem Length [Mpoints]    | 2             | 8             | 16            | 16            |
| Max Number of Segments      | 4000          | 8000          | 8000          | 8000          |
| Independent Clock & Trigger | no            | no            | yes           | yes           |
| Connection Type to PC       | copper        | copper        | copper        | fiber optic   |
| Connection Length to PC [m] | 1.5           | 1.5           | 1.5           | 30            |
| Daisy Chain Crates          | no            | no            | no            | yes           |
| Opt. Battery Backup         | no            | yes           | yes           | yes           |
| Software                    | AcqirisWorks* | AcqirisWorks* | AcqirisWorks* | AcqirisWorks* |

\* AcqirisWorks includes the AcqirisLive control and acquisition program together with drivers for LabVIEW, LabWindows/CVI and programming in Visual C++ and BASIC. AcqirisWorks supports Windows 95/98/2000/NT, VxWorks and Linux.



2000-2



# cougar 2000

## Speed & Precision

**System Components: Digitizer DC240, Crate CC103, Interface IC200, Accessory XC200 and AcqirisWorks CD**

With two full channels each offering 2GS/s sampling rates, 500 MHz bandwidth and memory lengths of 256 Kpoints (16 Mpoints optional), Cougar2000-2 is an ultrafast digitizing system. It's perfect for automated applications

where dual-channel recording and cross-channel measurements need to be performed with maximum speed and accuracy. And, if you need more channels, an upgrade is simple. Just insert another digitizer card!



# cougar 1000

## Multipurpose

**System Components: Digitizer DC270, Crate CC103, Interface IC200, Accessory XC200 and AcqirisWorks CD**

Cougar1000 offers four full channels each with sampling rates up to 1 GS/s, 250 MHz bandwidth and 128 Kpoints of memory (8 Mpoints optional). Need more channels? Just insert another digitizer card! Cougar1000 also transfers

data rapidly to your PC. It's a high performance package in a very small box!



# cougar 500

## Cost-effective

**System Components: Digitizer DC265, Crate CC103, Interface IC200, Accessory XC200 and AcqirisWorks CD**

Cougar500 is a modular system with four full channels that deliver sampling rates up to 500 MS/s (real time sampling rate), bandwidth of 150 MHz and storage memories of 128 Kpoints (2 Mpoints Optional).

A high-speed bus (100 Mbytes/sec.) lets you transfer data to your PC in a flash. Cougar500 is the perfect "starter" system - a cost-effective solution that allows expansion for the future.

**Make your measurements up to 10 times faster with Acqiris' Cougar Package, pre-configured modular instrumentation ready to use!**

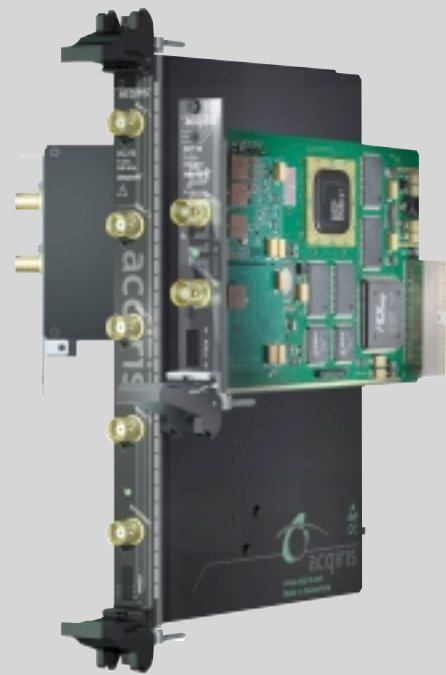
Simply connect your Cougar system to a high performance processor and unleash the power of real high-speed PC based data acquisition. Cougar is a compact and modular digitizer system that takes advantage of the CompactPCI standard to deliver exceptional performance and flexibility.

Cougar features digitizers with the fastest sampling rates, highest bandwidths and longest storage memories. It's the raw performance you need to acquire today's most complex signals and waveforms with ease and precision.

Speed-up your time to market with Acqiris' complete and powerful driver library, detailed user manual, source code examples and direct software support.

Maximize your measurement throughput by transferring data at sustained rates of 100 Mbytes/s using the latest generation processor technology and our speed-optimizing software tools. The Cougar series gives you the power to extract answers and measurements up to ten times faster than with conventional test instrumentation!

Cougar is also a high quality platform with exceptional reliability (very high MTBF). Quality is assured through the use of dedicated product design



(minimized number of components, proprietary ICs, low power design and patented cooling technology), high quality sub-contractors and a demanding product verification process.

Need a data acquisition system with a special configuration? Acqiris can let you design your own. Take a look at the open architecture crates and digitizers products that make up the ever-expanding Acqiris product line.

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