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IOtech's Starter Kit Provides a PCI-based Data Acquisition System in a Single Package

CLEVELAND, August 31, 2000 — Today, IOtech announced their "single solution" Starter Kit. Targeted at end-users' requirement of a complete *Out-of-the-Box*™ solution, it includes the high-performance DaqBoard/2000™, multifunction, PCI data acquisition board and all necessary cables, terminations, and software. All of these components are together in a single convenient package. The Starter Kit provides three benefits. First, a single part number greatly simplifies ordering. Second, as a pre-defined system the chance that either unnecessary components will be purchased or that necessary components will be missing is eliminated. Third, the kit is priced below the list price of components purchased separately. Just open the box, follow the simple *quick-start* instructions, and in minutes a fully functional PCI board-based system can be running on a desktop or industrial PC.

DaqBoard/2000 Features and Performance

The Starter Kit is designed around the full-featured DaqBoard/2000 which has established the price and performance benchmark for multifunction, plug-and-play PCI data acquisition boards. DaqBoard/2000 features that give OEMs a significant competitive advantage include:

- 16-bit, 200-kHz sampling
- 16-bit, 100KHz waveform-capable analog outputs
- PCI-bus mastering for continuous streaming of I/O
- Synchronous scanning of analog, digital and counter inputs
- 6 modes of pre- and post-triggering for any measurement requirement
- 40 digital I/O channels
- 4 frequency/pulse counters (10 MHz)
- 2 frequency/pulse generators (1 MHz)



Starter Kit Contents

Each Starter Kit ships complete with the following components:

Starter Kit Contents	
Product	Description
DaqBoard/2000	16-bit, 200-kHz data acquisition board for PCI-bus PCs; CD ROM with all documentation; and drivers for Windows® 95/98/2000/NT for C++, Visual Basic®, Delphi™, LabVIEW®, TestPoint®* & DASyLab®
DaqView2000	DaqView2000 software for immediate setup, data acquisition, and signal verification; DaqViewXL™ for seamless execution within Microsoft® Excel's tool palette; DIAdem®-View for post-acquisition viewing and analysis
DBK202**	Adapter panel with screw terminals, also connects DBK signal conditioning and expansion options to CA-195 expansion cable
CA-195	100-conductor expansion ribbon cable, mates with the DaqBoard/2000 board and the DBK202; 3 ft.
User's Manual	Hard-bound technical documentation for the DaqBoard/2000

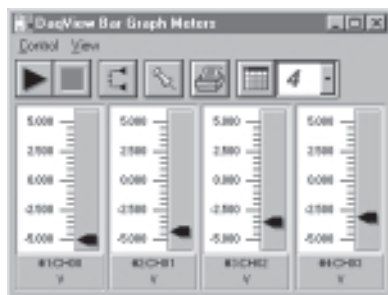
* Contact factory for TestPoint® driver availability

** Screwdriver included

The DBK202™ included in the Starter Kit is a screw-terminal board supporting easy connection of I/O signals. It also provides connectivity to the over 30 DBK series signal conditioning boards supporting temperature (T/C and RTD), high voltage, current-based measurements, isolation, multiplexing, simultaneous sampling, and other functions. With these options, analog input expansion is supported up to 256 channels, and digital I/O expansion up to 208 channels. The DBK202 also features the ability to accommodate user-defined resistor and capacitor configurations, on a per-channel basis, to meet special application-specific isolation and/or filtering requirements. The DBK202 can either be panel-mounted or reside on a desktop. The CA-195 cable connects the DBK202 and the DaqBoard/2000.

Software

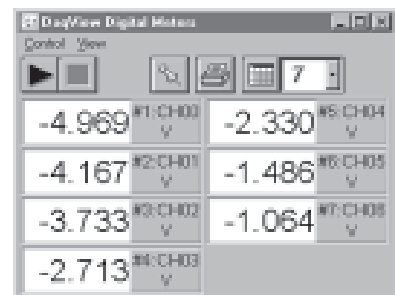
Since software is integral to most applications, the Starter Kit includes DaqView2000™ software. This software provides *Out-of-the-Box™* access to all board functions without the need for programming. DaqView/2000 provides many types of meters including bar graph, analog, digital, and strip-chart (not pictured). Also included is a powerful API library for C++ and BASIC (Windows® 95/98/2000/NT) supported by over 100 ready-to-use sample applications. For applications already written in a



Bar Graph Window



Analog Meters Window



Digital Meters Window

third-party package, the DaqBoard/2000 is supported by drivers for TestPoint® and a library of VIs for LabVIEW®. Together, this software supports rapid board test/verification and application program development which results in faster time-to-market.

Pricing and Availability

IOtech's Starter Kit will be available September 1, 2000.

Product	Description	U.S. Price
Starter Kit	Package containing a DaqBoard/2000 board, DaqView2000 software CD, DBK202 adapter, CA-195 ribbon cable, and user manual	\$995

About IOtech

IOtech produces data acquisition and IEEE 488 hardware and software for use in computer-based test systems. Its products are used in research and manufacturing facilities and are sold throughout the world. IOtech, 25971 Cannon Road, Cleveland, Ohio, 44146; telephone (440) 439-4091; fax (440) 439-4093; E-mail: sales@iotech.com; World Wide Web: www.iotech.com.

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