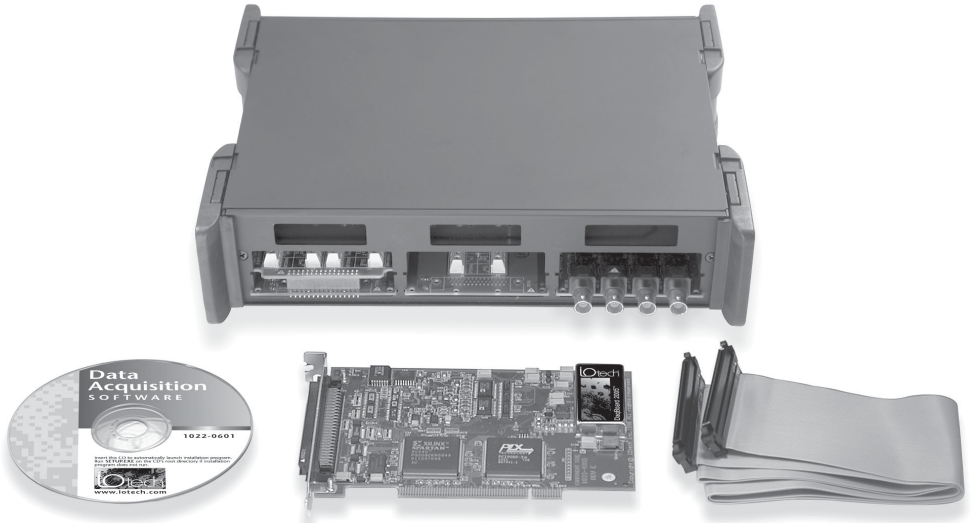# Starter Kit Plus™

DaqBoard/2000 Series PCI-Based Data Acquisition Quick-Start Kits

NEW

CE

Features

- Complete multifunction PCI-based data acquisition system
- Includes a DaqBoard/2000 series board, screw-terminal expansion enclosure, cable, and software
- Easily add signal conditioning DBK cards using built-in expansion slots
- 16-bit, 200-kHz A/D converter
- 8 differential or 16 single-ended analog inputs (software selectable per channel)
- Expandable up to 256 analog input channels, while maintaining 200-kHz (5 µs per channel) scan rate
- Up to four 16-bit, 100-kHz analog outputs with infinite continuous waveform output capability*
- 40 digital I/O lines
- Digital I/O is expandable up to 272 lines, including optional isolation and relay closure
- Six counter/timer channels

Each Starter Kit Plus includes a DaqBoard/2000 series PCI board, DaqView/2000 software, DBK213 and a CA-195-6 cable

Signal Conditioning Options

- Signal conditioning and expansion options for thermocouples, strain gages, accelerometers, isolation, RTDs, etc.— over 40 options in all

Software

- DaqView/2000™ software included for effortless data logging
- Includes support for Visual Basic®, C/C++, ActiveX/COM, Linux, LabVIEW®, MATLAB®, and DASYLab®

The DaqBoard Starter Kit Plus™ is a complete PCI based data acquisition system with analog voltage input and outputs (optional), digital I/O and counter/timer channels. An assortment of over 40 available DBK option cards and modules can be added to the kit to provide signal conditioning as well as channel expansion.

Included with each kit is a 16-bit, 200-kHz, DaqBoard/2000™ series PCI board, 6 ft. cable, and DBK213™ screw-terminal connection and expansion box. The DBK213 is capable of holding up to three DBK series signal conditioning and expansion cards (additional enclosures can be added to the system if more than three DBK cards are required). DaqView/2000™ software is also included to make the kit a complete hardware and software solution.

Three kits are available. Each kit includes a DaqBoard/2000 series PCI board providing 16 SE/8DE analog inputs, 40 digital I/O lines, and 6 counter/timers. The kits differ in the number of analog output channels (16-bit, 100-kHz) provided by the included DaqBoard. The DAQ2001/KIT-PLS provides 4 analog outputs, the DAQ2000/KIT-PLS offers 2 analog outputs, no built-in analog outputs are included with the DAQ2005/KIT-PLS.

CA-37-x or CA-255-xT cables are used to connect multiple DBK cards to the P1 (analog expansion) or P2 (digital expansion) ports on the DBK213. Each Starter Kit Plus can be expanded to up to 256 analog and 272 digital channels. Simply add the required number of DBK options to the kit along with the appropriate cable and you can have a complete data acquisition system running on a desktop PC.

Software

DaqView/2000 software is included with each Starter Kit Plus. This software provides *Out-of-the-Box*™ access to all board functions without the need for programming. Also included with each kit are drivers and sample applications for Visual Basic, C/C++, DASYLab, LabVIEW, MATLAB, and C/C++ for Linux. DaqCOM™ ActiveX/COM-based applications program interface is also provided.

Ordering Information

Description	Part No.
DaqBoard/2000, DaqView/2000 software, DBK213, and CA-195-6 cable	DAQ2000/KIT-PLS
DaqBoard/2001, DaqView/2000 software, DBK213, and CA-195-6 cable	DAQ2001/KIT-PLS
DaqBoard/2005, DaqView/2000 software, DBK213, and CA-195-6 cable	DAQ2005/KIT-PLS

Note: Use of certain DBK cards may require use of DBK32A power supply card. See p. 115 in the 2005 catalog for each DBK option's power requirements.

* Limited only by available PC RAM and hard disk space