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USB 2.0 Data Acquisition Device: 8 Analog In, 8 Digital I/O

#63-370

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Product Downloads

General

Software:
InstaCal™, Universal Library™ & Universal Library™ for LabVIEW™

Number of Channels:
Analog Inputs: 8
Digital I/O: 8

Counter:
32 Bit Resolution

Physical & Mechanical Properties

Dimensions (mm):
79 x 82 x 25

Optical Properties

Resolution:
16 Bit

Electrical

Device Interface:
USB 2.0 (Full Speed), USB 1

Environmental & Durability Factors

Operating Temperature (°C):
0 to +70

Regulatory Compliance

Certificate of Conformance:
View

Product Details

- Robust Software Included
- Plug and Play Operation
- Compatible with LabVIEW™

These USB Systems are USB 2.0 full-speed devices that are supported under the Windows® operating system, and are fully compatible with both USB 1.1 and USB 2.0 ports. All I/O connections are made to the screw terminals located along each side of the unit. Fully supported by Measurement Studio-MCC Edition, DASYLab®, & LabVIEW™. These USB systems are powered by the +5 volt USB supply from your computer. No external power is required. USB cable included.

Each Unit Includes the Following Software Packages:

InstaCal: Installation, Calibration and Test software in one package simplifies these important steps as you turn your PC into a measurement system. Installation detects new hardware and configures your computer and board. Calibration software automates this critical step and keeps your measurements accurate. Test routines verify that all the board's features are operating, and will speed you to a quick resolution.

Universal Library: Programming libraries for Windows Visual Studio programming languages, and others. A complete function library to simplify the configuration and operation of your measurement board.

Universal Library for LabVIEW™: Library, VIs and program examples for LabVIEW™. A comprehensive library of graphical functions comprising all the power of the Universal Library and InstaCal software.

Additional Software Package: DASYLab® Lite is a GUI application that allows you to quickly develop custom DAQ applications without any programming. If you don't have the time or programming skills required to write a DAQ program, you need DASYLab®. Using the intuitive worksheet, modules and wire functions, you're only a few mouse clicks away from a complete application.

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