

# Declaration of Conformity

According to ISO/IEC Guide 22 and EN 45014 Part #: 1126-0740 Rev 04-06

**Manufacturer's Name:** IOtech, Inc.  
**Manufacturer's Address:** 25971 Cannon Road  
Cleveland, Ohio 44146 U.S.A.


*Declares that the product:*

**Product Name:** DaqScan/2001, /2002, /2004, /2005  
DaqLab/2001, /2005  
**Description:** 16-bit, 200 kHz, Multi-Function  
Data Acquisition Systems

*Conforms (under conditions on reverse side) to the following standards:*

<b>Safety</b>	EN 61010-1: 1993
<b>EMC</b>	EMC Directive 89/336/EEC, EN 61326: 1998
<b>CISPR22</b>	1993
<b>EN 55022</b>	1988 Class A (Conducted and radiated emissions)
<b>IEC 61000-4-2</b>	1995, ESD Immunity, Criterion B, $\pm 4$ kV contact discharge, $\pm 8$ kV air discharge
<b>IEC 61000-4-3</b>	1995, Radiated RF Immunity; Criterion A, 10V/m, 80MHz to 1000MHz, 80% AM at 1kHz
<b>IEC 61000-4-4</b>	1995, Electrical Fast Transient / Burst Immunity, Criterion B, $\pm 1$ kV bursts
<b>IEC 61000-4-6</b>	1996, Conducted Disturbance Immunity, Criterion A, 1VRMS, 150kHz to 80MHz, 80% AM at 1kHz
<b>IEC 61000-4-11</b>	1994, Voltage Dips, Interruption Immunity

**Place:** Cleveland, Ohio U.S.A.  
**Date:** 06/30/04

**Signature:**   
**Full Name:** Paul Wittibschlager  
**Position:** Director of Hardware Engineering

**European Contact:** \_\_\_\_\_  
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## CE Compliant Operating Conditions

**Product Name:** DaqScan/2001, /2002, /2004, /2005  
DaqLab/2001, /2005

**Description:** 16-bit, 200 kHz, Multi-Function  
Data Acquisition Systems



**WARNINGS and CAUTIONS.** When you see any of these symbols on the product or in the documentation, carefully read the related information and be alert to the possibility of personal injury and/or equipment damage.

To maintain the safety, emission, and immunity standards of this declaration, the following conditions must be met.

- \* The host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.
- \* Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326:1997, or IEC 61326:1997.
- \* I/O cables must be less than 3 meters (9.75 feet) in length and shielded, with the shields connected to P1, P2, or P3 connector Jackscrews.
- \* Part number CA-242 or CA-242-7 must be used for the Ethernet patch cable.
- \* Shielded cables (IOtech p/n CA-143-7, CA-255-xT, or CA-143-18) must be used when connecting the P1, P2, and P3 connectors to DBK products.
- \* All wires connected to the DaqLab front panel must use shielded terminal blocks. These are available in p/n DAQLAB-CE-KIT. All cable shields must be connected to earth ground.
- \* DaqLab and DaqScan chassis must be properly grounded to earth ground through the power entry module (AC input).
- \* ESD safe handling guidelines must be used when handling, installing, or transporting DaqScan or DaqLab products.
- \* ESD safe handling guidelines must be used when transporting DBK cards, as well as when installing them into [or removing them from] a DaqLab device.



The user must observe all Warnings, Cautions, and operating conditions as specified in the *DaqScan/2000 Series User's Manual* (p/n 1126-0901) or *DaqLab/2000 Series User's Manual* (p/n 1125-0901), as applicable.



Power must be off and disconnected from the host PC and all external connected equipment before accessing a DaqScan or DaqLab Series device.

**Note:** Data acquisition equipment may exhibit noise or increased offsets when exposed to high RF fields ( $>3$ V/m) or transients.