

Declaration of Conformity

Part #: 1137-0740 Rev 07-09

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

Declares that the product:
Product Name: StrainBook/616
Description: 8 Channel Strain Gauge Measurement System

Conforms to the following standards:

| | |
|---------------------------|---|
| Safety | Low-Voltage Directive 2006/95/EC, EN 61010-1; 2001 |
| EMC | EMC Directive 2004/108/EC as defined by Standard: EN 61326-1:2006 (IEC 61326-1:2005) |
| CISPR 22:1993 | Radio Disturbance |
| EN 55022:1998 | Conducted and Radiated Emissions |
| IEC 61000-4-2:1995 | Electrostatic Discharge Immunity |
| IEC 61000-4-3:2002 | Radiated Electromagnetic Field Immunity |
| IEC 61000-4-4:2004 | Electric Fast Transient Burst Immunity |
| IEC 61000-4-5:2001 | Surge Immunity |
| IEC 61000-4-6:2001 | Conducted Disturbance Immunity |

EMC Testing: Chomerics Test Services, Woburn, Mass. 01801, U.S.A.
Date: February 24, 2009
Test Report #: EMIS268.09
Date Issued: March 3, 2009

IOtech
25971 Cannon Road
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Signature:
Full Name: Carl Haapaoja
Position: Director of Quality Assurance

CE-Compliant Operating Conditions

Product Name: StrainBook/616
Description: 8 Channel Strain Gauge Measurement System



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.

- * A PVC dust cap (IOtech # CN-242) must be placed on each unused DB9 connector and on the rear panel HD15 Expansion Control connector.
- * A PVC dust cap (IOtech # CN-235) must be placed on the DB25 Expansion Port connector when the port is not used.
- * When PVC dust caps are removed, cable must be used. Use a grounded wrist strap when installing cables or internal option boards, e.g., CN-115, CN-189.
- * A coaxial cable, [with insulated end connectors and HA-197 insulating sleeves *at both ends of the cable*] must be used when connecting a "CE-Approved" expansion module to the StrainBook's "Expansion Signal In" BNC. Use of the sleeves must be such that no connector metal is exposed on either the StrainBook or on the expansion chassis connector.
- * Equipment must be operated in a controlled electromagnetic environment as defined by British Standard EN 61326:2006, or IEC 61326:2005.
- * I/O cables must be less than 3 meters (9.75 feet) in length and shielded, with the shields connected to the StrainBook's chassis. This connection is to be made via the jackscrews of the DB9 connectors on the front panel.
- * Use Ethernet patch cable p/n CA-242.
- * Ethernet CE Kit must be properly installed per instruction sheet p/n 1077-0901.
- * A TR-40U power supply must be used as the power source.
- * The host computer, peripheral equipment, power sources, and expansion hardware must be CE compliant.



The operator must observe all safety cautions and operating conditions specified in the documentation for all hardware used.



All power must be off to the StrainBook and externally connected equipment before internal access to the device is permitted.

Note: Data acquisition equipment may exhibit noise or increased offsets when exposed to high RF fields (>1V/m) or transients.

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