

H1 Interoperability Test Kit (ITK)



Description

The H1 Interoperability Test Kit (H1 ITK) tests the functionality of a device and its conformity with FOUNDATION fieldbus function block and transducer block specifications. An excellent tool for troubleshooting and debugging devices, the test kit includes all hardware and software required to ensure a manufacturer's complete device interoperability as specified by the foundation's official registration testing procedure.

Features

- Supports Field Diagnostic Capabilities
- Supports Control in the Field Capabilities
- Tests H1 device for its interoperability and its conformity to FOUNDATION function block specifications
- Automation prompts available to reduce human intervention with the test device – requires ITK Automation Toolkit
- Pre-testing a device to minimize testing costs

Components

- H1 ITK Software CDROM
- USB Interface Card w/ DB9 to Fieldbus Cable
- Test Function Block
- *(Optional)* – The H1 ITK can be ordered with a PCI-FBUS Interface instead of the standard USB Interface. Call for pricing. *(ITK 6.0 or above required)*

System Requirements

- One machine for Test System (Windows 7 32 or 64-bit and available PCI slot if using)

Related Products

Those downloading this product may also consider the following related products offered by the Fieldbus Foundation:

- **Interoperability Test Kit Bundle**
H1 + HSE Interoperability Test Kits at a discounted rate
- **ITK Automation Toolkit**
Eliminates the need for manual intervention during interoperability testing

Additional Components

The following items are needed to successfully test your H1 device.

- **Fieldbus Segment**
(power supply and conditioner, terminators)
- **One DB9 to Fieldbus cables**
(PCI-FBUS Interface Only)

About the Fieldbus Foundation

The Fieldbus Foundation is a not-for-profit corporation consisting of over 350 leading process and manufacturing automation companies worldwide whose major purpose is to provide an open and neutral environment for the development of a single, international, interoperable fieldbus. In this environment, end users, manufacturers, universities and research organizations are working together to develop the technology, provide development tools, support and training, coordinate field trials and demonstrations, and enable product interoperability.

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