

Host Test Kit (HTK) DD Application Test Module



Description

The Host Test Kit DD Application Test Module tests the functionality of a host and its conformity with the FOUNDATION Host Interoperability Support Test Specification and the DD Host Application Test Procedures. An excellent tool for troubleshooting and debugging, including DD's, the test kit has all the hardware and software required to ensure a manufacturer's complete device integration as specified by the foundation's official registration testing procedures.

Features

- Standardized test requirements and test cases for all hosts within a profile tested to the same requirements.
- Standardized DD and CF files assuring host can run DD test cases and handle offline configuration parsing.
- Standardized test device with all basic IO Function Blocks and specialized test transducer blocks.

Components

- Standard Host Test Field Device (H1)
- Host Test Kit Install CD

System Requirements

The DD Application Test Module is designed to validate host applications implementing DD Services 4.2 or greater, including DD Services 5.0 constructs such as charts, graphs, images and waveforms for visualization; files for

persistent storage of functional parameter data; and grids for vector data visualization and manipulation.

Related Products

It is highly recommended that you have the following products:

- **DD Library** – The Registered DD Library contains DD source code that device developers can import and use to build the device descriptions.
- **DD Services** – The source code library provides several convenience functions to make it easier for a system supplier to develop DD-based applications.
- **DD-IDE** – The IDE provides a single, easy-to-use application for developing, testing and debugging DD files.

Additional Components

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

- Fieldbus Segment (power supply and conditioner, terminators)
- One (1) DB9-to-Fieldbus Cable for the Standard Host Test Field Device

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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