HART Test System
HART Protocol Conformance Testing

Description

The HART® Test System is a complete testing tool produced on the Linux operating system that includes the test automation, application layer and analysis software for the verification of a device's conformance to the HART Communication standard. The system automates device testing and verifies compliance with all revisions of the HART Protocol standard. It plays an integral part in the HART Device Registration program and ensures device interoperability of both wired and WirelessHART-enabled devices, as well as HART-IP devices. The system acts as the core component for all wired and wireless testing.

Features

- Standardized Linux based test appliance
- Compatible with Registered RS232 HART modems
- Compatible with HART over UDP (Gateway Interface Standard)
- HART Menu system added to simplify operation
- HSniffer for capturing message stream
- Portable HART-IP v2 Client (Windows application) for HART-IP testing

General Hardware Requirements

- Two RS232 HART-Registered modems (not included in the kit)
- Windows PC & Ethernet Switch (HART-IP only)

Part Warranty

- 1 year parts warranty against manufacture defect

Kit Components

Qty	Item	Rev. No.
1	Test Applications:	3.8
	Data Link Layer HTest Scripts (TP20083)	3.5
	Universal Command Test Software (TP20084)	1.17
	Common Practice Command Test Software (TP20085)	2.8
	Data Link Layer Post Processing Executables (TP20086)	3.5
	HART-IP Test Software (TP10363)	1.2
1	HART-IP Server (TP10300)	3.8
1	HART-IP Token Passing Master (TP10301)	3.8
1	HART-IP Network Manager GW (TP10302)	1.10
1	HART-IP I/O System Connect (TP10303)	3.7
1	Portable HART-IP v2 Client (TP10321)	2.0
1	Conv (TP20606)	2.0
1	UNIV-HT (TP20087)	1.3
1	COMTEST (TP20025)	1.12
1	HSniffer (TP20140)	1.3
1	HTEST HART Master Simulator (TP20082)	1.10
1	HTEST Application Manual, HART Master Simulator (PS20017)	12.4
1	HART Device Testing Tools User Guide (PS20066)	4.6
1	Portable HART-IP Client User Guide (PS10318)	4.0