



Advanced Test Equipment Corp.

www.atecorp.com 800-404-ATEC (2832)

OpreX™ Field Instruments

FieldMate Handheld Communicator

YHC5150X



## Yokogawa's First DD Direct, Intrinsically Safe Handheld HART® Communicator

- Reads manufacturers' Device Descriptions (DDs) in their native format without the need for translations
- HART®-compliant modem communicates with any registered or unregistered HART® Device
- Features an ergonomic, handheld design
- Enhanced 4.3" diagonal anti-glare touchscreen with color graphic display (no stylus required)
- Full QWERTY keyboard for commissioning new transmitters
- On Demand help menus and teachable device-specific short cuts
- More than twice the battery capacity of any other handheld communicator
- Manage device information through PC connection
- Integrated multi-language support



All HART® field devices can be configured, polled, and trimmed using a Windows CE™ based system for faster processing and greater storage capacity. All options are included and no subscription is required. The YHC5150X is a full function, DD Direct, HART® Communicator supporting universal, common practice and device specific commands for commissioning, configuration, and maintenance operations.

**Processor & Memory**

Microprocessor: ..... 1 GHz  
 Memory Internal Flash: ..... 512 MB  
 RAM: ..... 256 MB

**Physical**

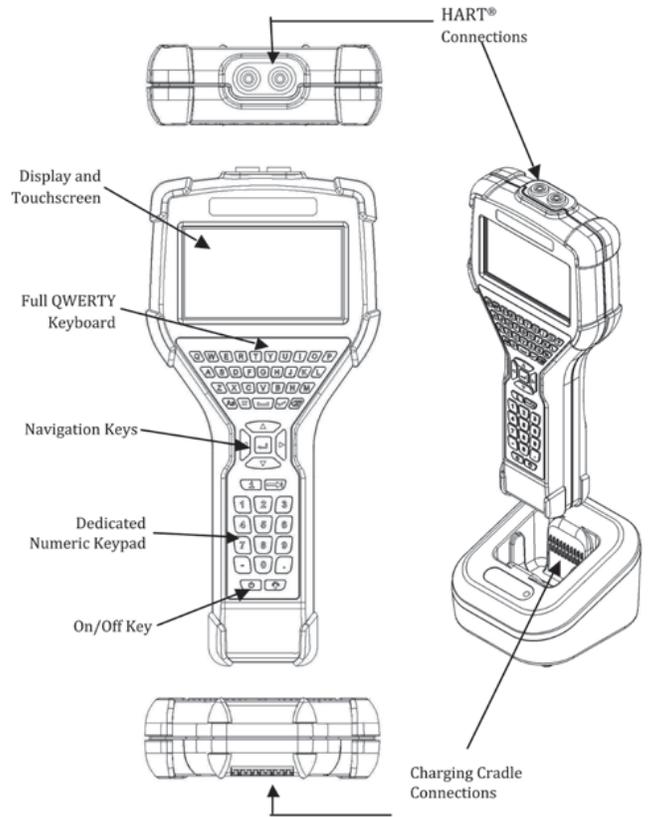
Weight: ..... Approx. 2 lbs (with battery)  
 Size: ..... 11.9" x 5.6" x 1.9"

**Certifications**

Class I, Division I Group IIC (US/Canada); ATEX Zone 0 Group IIC (Europe); IECEx Zone 0 Group IIC (Asia, South America, Africa)  
 ANSI/ISA (US)  
 UL913 Ed7 CL I, DIV 1, GP A,B,C,D; T4 CSA CSA-C22.2 CL I, ZONE 0, Ex ia IIC T4 (Canada)  
 UL60079-0 Ed5 CL I, ZONE 0, AEx ia IIC T4 ATEX (Europe) EN60070-0:2012 II 1 G Ex ia IIC T4 Ga  
 UL60079-11 Ed5 CL I, DIV 1, GP A,B,C,D; T4 IECEx IEC60079-0:2011 Ed6 Ex ia IIC T4

**Accessories**

Model Code	Description
1W-9A820-4	Battery Pack - Rechargeable 9480mAh Li-Ion
1W-9A879	YHC5150X Series - Battery Charger Kit
1W-9P780	Micro SD Card (8GB+)
1W-9P790	YHC Carrying Case
1W-9P791	Handstrap - Equipment protection
1W-9P802	USB Cable - for docking station to PC
1W-9P822	YHC5150X Series - Battery Charger Power Cord
1W-9P823	7/64" Hex Key Wrench (for battery pack screws)
1W-A36821	250 Ohm Resistor for HART Communications
A900529-00014	HART® Test Lead Kit



More Details: [www.yokogawa.com/us/](http://www.yokogawa.com/us/)  
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