

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
 UL60079-0 Ed5 CL I, ZONE 0, AEx ia IIC T4
 UL60079-11 Ed5 CL I, DIV 1, GP A,B,C,D; T4

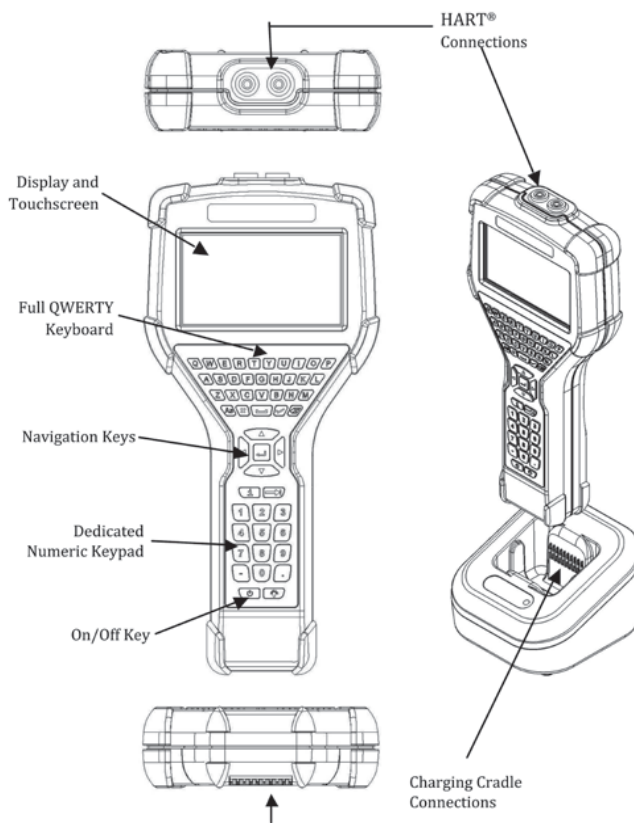
CSA CSA-C22.2 CL I, ZONE 0, Ex ia IIC T4 (Canada)

ATEX (Europe) EN60070-0:2012 II 1 G Ex ia IIC T4 Ga

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



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More Details: www.yokogawa.com/us/
800-888-6400
support@us.yokogawa.com

YOKOGAWA ELECTRIC CORPORATION

World Headquarters
 9-32, Nakacho 2-chome, Musanshino-shi, Tokyo 180-8750, Japan
<http://www.yokogawa.com/>

YOKOGAWA CORPORATION OF AMERICA

12530 West Airport Blvd, Sugar Land, Texas 77478, USA
<http://www.yokogawa.com/us/>

YOKOGAWA EUROPE B.V.

Euroweg 2, 3825 HD Amersfoort, The Netherlands
<http://www.yokogawa.com/eu>

YOKOGAWA ENGINEERING ASIA PTE. LTD.

5 Bedok South Road, Singapore 469270, Singapore
<http://www.yokogawa.com/sg/>

YOKOGAWA CHINA CO., LTD.

3F TowerD Cartelo Crocodile Building,
 No.568 West Tianshan Road, Shanghai 200335, China
<http://www.yokogawa.com/cn/>

YOKOGAWA MIDDLE EAST & AFRICA B.S.C.(c)

P.O.Box 10070, Manama,
 Building 577, Road 2516, Busaiteen 225, Muharrag, Bahrain
<http://www.yokogawa.com/bh/>

Represented by:

yokogawa.com/us

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