NEW!

Easier. Faster. Affordable!

MFC5150x Intrinsically Safe, HART-Compliant Communicator

Communicate with ANY registered or non-registered HART®-compliant device!

Charger included with integrated USB connectivity

- Reads manufacturers' DDs in their native format — no translations needed
- HART®-compliant modem communicates with any registered or unregistered HART ® Device
- 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 handheld communicator
- Manage device information through PC connection
- Integrated multi-language support

The MFC5150 is certified in the following Hazardous locations: • Class I, Division I Group IIC (US/Canada) • ATEX Zone 0 Group IIC (Europe) • IECex Zone 0 Group IIC (Asia, South America, Africa)

To order parts and items, go to www.Instrumentation.com Or call (800) 346-4620

The MFC5150x utilizes a Windows™ based system for faster processing and greater storage capacity. Plus, no subscriptions, and with all options standard at no extra cost, it's more affordable than ever. It's the Power of a PC in the palm of your hand!

Display	Type	Transflective Display with anti-glare touch screen (Resistance film)
	Size	4.3-inch WQVGA
	Color	24bit (16,777,216) TFT color
	Pixel	480 X 272 pixels
	Backlight	White LED
Body	Size	303×142×48 mm [11.9×5.6×1.9 inch]
	Weight	Approximately 0.95 Kg [2.1 lbs] with battery
Keyboard	Material	Molded Keyboard design with tactile feedback
	Key	52 keys including qwerty keys
Included Accessories	Handy carry case material	Ballistic Nylon; inside material black 420 Nylon
	HART® leads	Molded banana plug test leads 1 meter long
	Strap	Wrist strap
	USB cable	2 meter Type A to USB Type B
	CD-ROM	Manual/Drivers
Power	Rechargeable Battery	Li-Ion
Standby/ Hibernate	Continuance	10 hours
	Standard	20 hours
	Standby/Hibernate	200 hours
Rechargeable battery	Voltage output	3.7VDC
	Current capacity	2000mA
	Energy capacity	9480mAh
	Charging time	6 hours
Battery Charger (AC adapter)	Input voltage	100-240VAC 50/60Hz
	Output voltage	15VDC
	Output current	1600mA
	Overcharge protection	Yes
	LED indication	N/A
Battery Charger (Cradle)	LED indication	Yes, Tri color LED
Normal operating Condition	Ambient temp.	+14°F (-10°C) to +122°F (+50°C)
	Ambient humidity	0% to 95% RH (non-condensing) (for +32°F (0°C) to +122°F (+50°C))
Storage condition	Ambient temp. with battery	-4°F (-20°C) to +131°F (+55°C)
	Ambient temp. without battery	-4°F (-20°C) to +150°F (+60°C)
	Ambient humidity with battery	0% to 95% RH (non-condensing) (for +32°F (0°C) to +122°F (+50°C))
	Ambient humidity without battery	0% to 95% RH (non-condensing) (for +32°F (0°C) to +122°F (+50°C))
Charging condition	Ambient temp.	+50°F (+10°C) to +104°F (+40°C)
	Ambient humidity	0% to 95% RH (non-condensing)
	Other	Only safety area when charging

Enclosure Rating	Body	IP51	
Shock condition	Tested to survive a 1 meter drop onto concrete		
HART® connections	Form	Two 4mm banana plugs	
Storage	Media type	microSD card	
	Capacity	4GB Minimum	
USB	Data rate	Supporting up to 115 kbps	
	Form	USB B type (receptacle)	
Power supply	AC adapter	Wall Adapter	
	Form	Four international inserts (US-U,UK-B,EU-E,AU-A)	
Intrinsic Safety	ANSI/ISA (US)	UL913 Ed7 UL60079-0 Ed5 UL60079-11 Ed5	CL I, DIV 1, GP A,B,C,D; T4 CL I, ZONE 0, AEx ia IIC T4 CL I, DIV 1, GP A,B,C,D; T4
	ANSI/ISA (Canada)	CSA-C22.2 NO. 157-92(R2012) NO. 60079-0:11 NO. 60079-11:11	CL I, ZONE 0, Ex ia IIC T4
	ATEX (Europe)	EN60070-0:2012 EN60079-11:2012 EN60079-26:2007	II 1 G Ex ia IIC T4 Ga
	IECEx (International)	IEC60079-0:2011 Ed6 IEC60079-11:2011 Ed6 IEC60079-26:2006 Ed2	Ex ia IIC T4 Ga
FCC (US), CE (Europe)	FCC (US) CE (Europe) C-tick (Australia) ANSI-ISA	EN61326-1 EN61326-2-3	
Electrical Equipment Safety	UL (US) ANSI (US) CSA (Canada)	UL61010-1 Ed3 UL60950-1 CSA-C22.2 NO. 61010-1-12	AC Adapter
	CE (Europe)	EN60950-1	AC Adapter
Environmental Protection	RoHS WEEE REACH	Directive 2011/65/EU Directive 2002/96/EC Regulation (EC) No 1907/2006	
Transportation	IATA	UN/DOT 38.3	Li-ion Battery
Field Communication	Host		
Windows™ CE 6.0	Manufacture	Microsoft	
	Revision	Windows™ CE Rev3	
External device	FlashROM	NAND 512MByte	
	RAM	DDR 256mb	
Languages supported	English, French, Japanese, Italian, Spanish, Chinese, Russian, German		
Applicable Equipment	Registered/unregistered devices in HART FOUNDATION		
HART® protocol revision	HART5, 6, 7		