

NEW!



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



**Charger included with
integrated USB connectivity**

Easier. Faster. Affordable!

MFC5150x Intrinsically Safe, HART®-Compliant Communicator

- 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)



TRANSCAT®

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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			
	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 CSA-C22.2 NO. 157-92(R2012) NO. 60079-0:11 NO. 60079-11:11 EN60070-0:2012 EN60079-11:2012 EN60079-26:2007	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 CL I, ZONE 0, Ex ia IIC T4
		ANSI/ISA (Canada)		
		ATEX (Europe)		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 EN60950-1	AC Adapter
		CE (Europe)		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 Revision	Microsoft Windows™ CE Rev3	
External device		FlashROM RAM	NAND 512MByte 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		