

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)



Find out more at www.meriam.com

Or contact us at: 216.281.1100 | E-mail: info@meriam.com



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 Color Pixel Backlight	4.3-inch WQVGA 24bit (16,777,216) TFT color 480 X 272 pixels White LED		
Body	Size	303x142x48 mm [11.9x5.6x1.9 inch]		
	Weight	Approximately 0.95 Kg [2.1 lbs] with battery		
Keyboard	Material Key	Molded Keyboard design with tactile feedback 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 CD-ROM	2 meter Type A to USB Type B Manual/Drivers		
Power	Rechargeable Battery	Li-Ion		
Standby/Hibernate	Continuous	10 hours		
	Standard Standby/Hibernate	20 hours 200 hours		
Rechargeable battery	Voltage output	3.7VDC		
	Current capacity Energy capacity Charging time	2000mA 9480mAh 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 Other	0% to 95% RH (non-condensing) 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 Capacity	microSD card 4GB Minimum		
USB	Data rate Form	Supporting up to 115 kbps USB B type (receptacle)		
Power supply	AC adapter Form	Wall Adapter 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) CE (Europe)	UL61010-1 Ed3 UL60950-1 CSA-C22.2 NO. 61010-1-12 EN60950-1	AC Adapter 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			



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