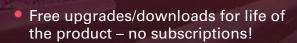


MFC5150x

Intrinsically Safe, HART Communicator



- Preloaded with over 1400 devices to work with every HART[®] transmitter in your plant.
- Large 4.3" touchscreen (no stylus required)
- Instant "On"
- Offline Configurations
- Preloaded with 12 languages
- Gesturing similar to that of a smart phone
- On-Demand Help Menus and teachable device-specific short cuts

The MFC5150x 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)



Enhanced by

the XL Battery



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 Color Resolution Backlight	Transmissive Display with anti-glare 24 bit TFT color 480 x 272 pixels White LED	Intrinsic Safety	ANSI/ISA (US) CSA (Canada)	UL913 Ed7 UL60079-0 Ed5 UL60079-11 Ed5 CSA-C22.2 NO. 157-92(R2012) NO. 60079-0:11 NO. 60079-11:11	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
Body	Size Weight	$11.9 \times 5.6 \times 1.9$ inch $[303 \times 142 \times 48$ mm] Approximately 2.1 lbs $[0.95$ kg] with battery				
Keyboard	Material Key	Molded Keyboard design with tactile feedback 52 keys including qwerty keys		ATEX (Europe)	EN60070-0:2012 EN60079-11:2012 EN60079-26:2007	II 1 G Ex ia IIC T4 Ga
Power	Rechargeable Battery	Lithium-Ion		IECEx	IEC60079-0:2011 Ed6	Ex ia IIC T4 Ga
Battery Life at 100% charge	On at 100% backlight	10 hours minimum	5000	(International)	IEC60079-11:2011 Ed6 IEC60079-26:2006 Ed2	
	Off Storage, battery removed	30 days minimum 1 year minimum	EMC	FCC (US) CE (Europe) C-tick (Australia) ANSI-ISA	EN61326-1 EN61326-2-3	
Battery Charger (AC adapter)	AC adapter Form	Wall Adapter Four international inserts (US-U,UK-B,EU-E,AU-A)	Electrical Equipment Safety	UL (US) ANSI (US)	UL61010-1 Ed3 UL60950-1 CSA-C22.2	AC Adapter
	Input voltage Output voltage Output current	100 – 240 VAC 50/60 Hz 15 VDC 1600 mA		CSA (Canada) CE (Europe)	NO. 61010-1-12 EN60950-1	AC Adapter
	Overcharge protection	Yes	Environmental Protection	RoHS WEEE REACH	Directive 2011/65/EU Directive 2012/19/EU Regulation (EC) No 1907/2006	
(Cradle)	LED indication	Tri-color LED				l:: B.::
Environmental			Transportation	IATA	UN/DOT 38.3	Li-ion Battery
Conditions Operating	Ambient temp. Ambient humidity	14 °F to 122 °F (-10 °C to 50 °C) 0% to 95% RH (non-condensing)	Field Communication	HART® Communication Host		
Storage	Ambient temp.	for 32 °F to 122 °F (0 °C to 50 °C) -4 °F to 131 °F (-20 °C to 55 °C)	Operating System	Microsoft Windows™ CE		
	with battery Ambient temp.	-4 °F to 150 °F (-20 °C to 60 °C)	Internal Memory	ROM RAM	512 MB 256 MB	
	without battery Ambient humidity with battery 0% to 95% RH (non-condensing) for 32 °F to 122 °F (0 °C to 50 °C)	for 32 °F to 122 °F (0 °C to 50 °C)	Supported HART® Communication revisions	HART 5, 6, 7		
Charging	Ambient humidity without battery Ambient temp.	for 32 °F to 122 °F (0 °C to 50 °C)	Languages supported	Chinese, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Spanish		
onarying	Ambient humidity Other	0% to 95% RH (non-condensing) Charge only in Non-Hazardous areas	Applicable Equipment	All transmitters supporting HART® Communication protocol		
Enclosure Rating	Rody	IP51	Shock condition	Tested to survive a 39.4 inch [1 m] drop onto concrete		
Communication connections	Form Form	Two banana plugs spaced ¾ inch	Included Accessories	Handy carrying case material Communication leads Molded banana plug test leads 39.4 inch [1 m] long		
Storage	Media type Capacity	microSD card 4 GB Minimum				
USB	Data rate Form	Supporting up to 921.6 kbps USB B type (receptacle)		USB cable	Wrist strap 78.7 inches [2 m] Type A to USB Type B	
		7		CD-ROM	Documentation, Drivers, PC Uti	lity

