



MFC5150x

Intrinsically Safe, HART® Communicator

- Free upgrades/downloads for life of the product – no subscriptions!
- 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,





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 24bit TFT color 480x 272pixels White LED	Intrinsic Safety	ANSI/ISA (US) CSA (Canada) ATEX (Europe) IECEX (International)	UL913Ed7 UL60079-0Ed5 UL60079-1 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 IEC60079-0:201 Ed6 IEC60079-11:201 Ed6 IEC60079-26:2006d2	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 II 1 G Ex ia IIC T4 Ga Exia IIC T4 Ga
Body	Size Weight	11.9x 5.6x 1.9inch [303x 142x 48mm] Approximately 2.1 lbs [0.95kg] with battery	EMC	FCC (US) CE (Europe) C-tick (Australia) ANSI-ISA	EN61326-1 EN61326-2-3	
Keyboard	Material Key	Molded Keyboard design with tactile feedback 52 keys including qwerty keys	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
Power Battery Life at 100% charge	Rechargeable Battery On at 100% backlight Off Storage, battery removed	Lithium-Ion 10 hours minimum 30 days minimum 1 year minimum	Environmental Protection	RoHS WEEE REACH	Directive 2011/65/EU Directive 2012/19/EU Regulation (EC) No 1907/2006	
Battery Charger (AC adapter)	AC adapter Form Input voltage Output voltage Output current Overcharge protection	Wall Adapter Four international inserts (US-U, UK-B, EU-E, AU-A) 100- 240VAC 50/60Hz 15VDC 1600mA Yes	Transportation	IATA	UN/DOT 38.3	Li-ion Battery
Battery Charger (Cradle)	LED indication	Tri-color LED	Field Communication	HART® Communication Host		
Environmental Conditions	Operating Storage	Ambient temp. Ambient humidity Ambient temp. with battery Ambient temp. without battery Ambient humidity with battery Ambient humidity without battery	Operating System	Microsoft Windows™ CE		
	Charging	Ambient temp. Ambient humidity Other Charge only in Non-Hazardous areas	Internal Memory	ROM RAM	512MB 256MB	
Enclosure Rating	Body	IP51	Supported HART Communication revisions	HART 5, 6, 7		
Communication connections	Form	Two banana plugs spaced 3/4 inch	Languages supported	Chinese, English, French, German, Italian, Japanese, Korean, Polish, Portuguese, Romanian, Russian, Spanish		
Storage	Media type Capacity	microSD card 4 GB Minimum	Applicable Equipment	All transmitters supporting HART® Communication protocol		
USB	Data rate Form	Supporting up to 921.6 kbps USB B type (receptacle)	Shock condition	Tested to survive a 39.4 inch [1 m] drop onto concrete		
			Included Accessories	Hand carrying case material Communication leads Strap USB cable CD-ROM	Ballistic Nylon; inside material black 420 Nylon Molded banana plug test leads 39.4 inch [1 m] long Wrist strap 78.7 inches [2 m] Type A to USB Type B Documentation Drivers, PC Utility	