

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)



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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 | | |
| Body | Backlight | White LED | | |
| | Size | 303x142x48 mm [11.9x5.6x1.9 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) | 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) | NO. 60079-0:11 NO. 60079-11:11 EN60070-0:2012 EN60079-11:2012 EN60079-26:2007 | II 1 G Ex ia IIC T4 Ga | |
| | ATEX (Europe) | IEC60079-0:2011 Ed6 IEC60079-11:2011 Ed6 IEC60079-26:2006 Ed2 | Ex ia IIC T4 Ga | |
| | IECEx (International) | | | |
| FCC (US), CE (Europe) | FCC (US) CE (Europe) C-tick (Australia) ANSI-ISA | EN61326-1 EN61326-2-3 | | |
| Electrical Equipment Safety | UL (US) | UL61010-1 Ed3 | AC Adapter | |
| | ANSI (US) | 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 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 | | | |