

MFC5150x HART® Communicator



Communicate with ANY registered or non-registered HART® device!

The MFC5150 HART® Communicator is the latest HART® Communicator from Meriam Process Technologies. The MFC is a full-function HART® Communicator with time-saving features that optimize commissioning, configuration and maintenance operations. HART® field devices can be configured and trimmed using the MFC5150. Available in ATEX (intrinsically safe) and Non-ATEX models. The MFC5150 directly reads Device Descriptions without any translations or subscriptions, enabling communication to take place with any registered or unregistered HART® devices.

The MFC5150 is designed to optimize process automation via HART® Communication by offering analytical support for flow, level, pressure, temperature, and valve applications.

Features

- Preloaded with over 1,400 devices to work with every HART® transmitter in your plant
- Preloaded with 12 languages
- Offline Configurations
- Large 4.3" touchscreen (no stylus required)
- Free upgrades/downloads for life of the product - no subscriptions - EVER!
- On-Demand Help Menus and teachable device -specific short cuts
- Intuitive menu-driven interface easily accesses configuration data detailed reports in one document, easy to print and interpret
- The single file transfer option isolates one configuration file to upload to your 5150, making it easier and quicker to manage data transfers

Intrinsically Safe

The MFC5150 is available in an Intrinsically Safe option that provides the highest level of protection for the most hazardous locations.

The MFC5150x is certified in the following Hazardous locations: Class I, Division I Group IIC (US/Canada) | ATEX Zone 0 Group LLC (Europe) | IECex Zone 0 Group IIC (Asia, South America, Africa)

Users

All technicians responsible for installing, configuring, commissioning, calibrating, and maintaining process industry conventional and HART® transmitters.

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The 5150 utilizes a Windows® based system for faster processing and greater storage capacity. Plus, no subscriptions, and with all options standard at no additional cost, it's more affordable than ever. It's the Power of the PC in the palm of your hand!

Processor and Memory:

Microprocessor: 1 GHz

Memory Internal Flash: 512 MB

System Card: Up to 16 GB secure digital card

RAM: 256 MB

Attributes:

Weight: Approximately 2.1 lbs (.91 Kg) with battery

Display: 1/4 VGA (480x272 pixels) color, 4.3 in (10.9 cm) transmissive display with anti-glare touch screen

Size: 303x142x48 mm (11.9x5.6x1.9 in)

Keypad: 52 keys including QWERTY keys, 12 alphanumeric keys, tab key, backlight key, power key, and 4 cursor-control (arrow) keys; membrane design with tactile feedback

Power Supply/Charger:

Batter: Rechargeable Lithium-Ion power module

Battery Operating Time: 10 hours - continuous use, 40 hours -typical use, 200 hours - standby use

Battery Charger: Input Voltate 100-240 VAC, 50-60 Hz, International Adaptors included, Asian, US, European & UK

Connection:

Battery Cradle

HART®: Two 4mm banana plugs (one common to HART®)

USB: Supporting up to 1115 kpbs

Environmental:

Usage: +14°F (-10°C) to +122°F (+50°C)

0% to 95% RH (non-condensing) (for +32°F:0°C) to +122°F(+50°C)

Charge: +50°F(+10°C) to + 104°F (+40°C)

Storage: With batteries -4°F (-20°C) to 131°F (+55°C)

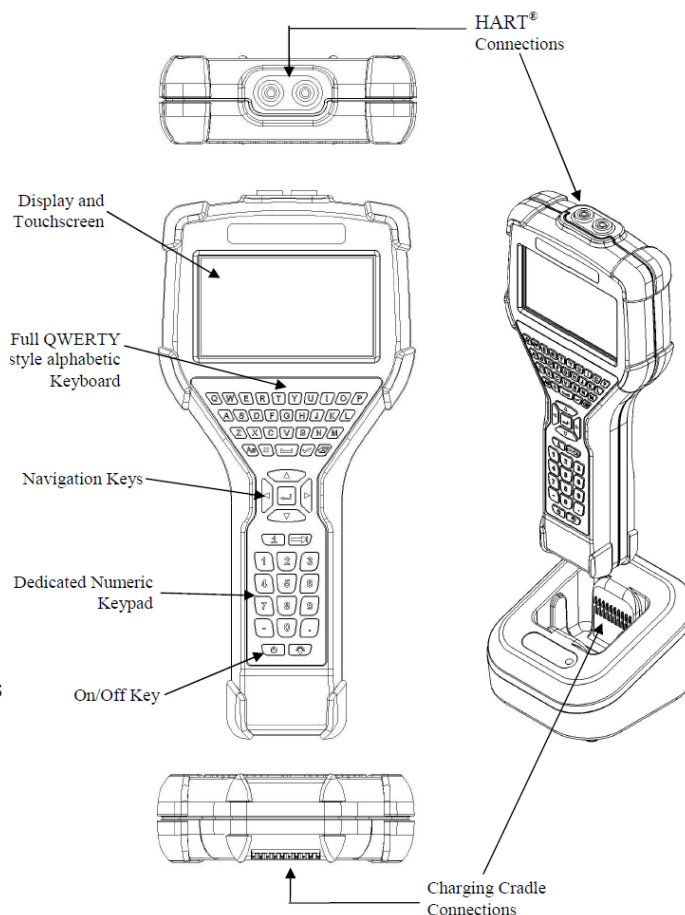
Without batteries: -4°F (-20°C) to +150°F (+60°C)

Enclosure Rating: IP51

Shock: Tested to survive a 1 meter drop on to concrete

Shipping Weight:

5 lbs (203 Kg); Varies by option



Accessories:

PART NO.	DESCRIPTION
Z9P790	Soft Carrying Case
Z9P791	Hand Strap
ZA900529-00014	HART® Lead Kit
ZA36821	Std size 250 ohm shunt resister
Z9A1692	SD Card - Micro (min 16 GB)
Z9P802	USB Cable - Docking station to PC
Z9A879	Docking Station & Power Adaptor
Z9A820-3	Battery Pack - Rechargeable 9600 mAh Li-Ion



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