

NEW Meriam MFC 4100 HART® Communicator

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The **MFC 4100 HART® Communicator** is the latest handheld device from Meriam Process Technologies (formerly Meriam Instrument). The MFC is a full function HART Communicator supporting Universal, Common Practice and Device Specific commands for total command of commissioning, configuration and maintenance operations.

This is the HART Communicator designed for optimum convenience and usability. Just consider the standard features integrated into the MFC 4100:

- Update Device Comm Files Via the Internet – Communicator is Never Out of Your Hands
- 9-line, Backlit Display
- Edit Directly from Review/Edit Mode
- 32 MB Comm File Memory
- Upload / Download configurations
- Quick Menu Access Key
- HART Menu Home Key
- Full Alpha-numeric Keypad
- Dedicated Text Edit Keys
- Programmable Lock-out Functions
- Contrast Adjust Key
- Elastic Hand, Plus Adjustable Neck Straps
- Thumb Keys for Menu Up, Down and Select

The **MFC 4100** supports all HART devices at the Universal and Common Practice command levels, plus a large and growing list of devices with Device Specific commands. View our device list at www.meriam.com and click the "Available DOF's" button. Downloads of new files are free of charge for six months after shipment and for a small annual fee thereafter.

The **MFC 4100** supports HART communication for analytic, flow, level, pressure, temperature, and valve device types.

Two 9-volt alkaline, lithium, or NiMH batteries power the MFC 4100.



Calibration Instruments

Ordering Information

Order #	Mfg #	Description	Price
MPMFC 4100	MFC 4100	Communicator	
MPMFC 4101	MFC 4101	Communicator with Documenting* capability	
MPMFC 4102	MFC 4102	Communicator with Intrinsically Safe rating	
MPMFC 4103	MFC 4103	Communicator with Documenting* capability & Intrinsically Safe rating	
MPA36875	A36875	Carrying Case (inc'd w/ MFC) – soft case with adjustable shoulder strap & test lead compartment	
MPA900529-00014	A900529-00014	HART Test Lead Kit (inc'd w/MFC) – std banana plugs, mini-grabbers, 250Ω resistor	
MPA36742	A36742	Power adapter, 100 Vac to 240 Vac, 50-60 Hz (option)	
MPA36755	A36755	Universal plug adapter kit for A36742 power adapter (option)	
MPA36885	A36885	Protective red slip on boot	

NEW Emerson Process Management 375 Field Communicator The NEW Standard

Supports HART® and FOUNDATION™ fieldbus devices

- Most Complete Communicator Available—the New Universal Standard
- Intrinsically Safe
- Rugged and Reliable
- Easy Upgrade Over the Internet
- Interfaces with AMS PC Software



One portable communicator for all your field devices.

This is the only communicator you will need to configure, test, and diagnose your HART instruments. No matter who makes the device, the 375 Field Communicator is ready to talk to it. It is Intrinsically Safe, rugged and reliable to meet the demands of your plant environment. The 375 Field Communicator allows 'Easy Upgrades' from the internet as new device descriptions become available and for new software upgrades.

Ordering Information

Order #	Description	Price
Ordering Example: 375HRIEKL \$3,880		
MP375	Field Communicator Base Unit	
Code	Communication Protocol	
H	HART®	
F	HART and FOUNDATION™ fieldbus	
Code	Battery Type	
R	Rechargeable NiMH Battery Pack	
Code	Power Supply/Charger	
1	Power Supply/Charger (90-240 VAC, 50/60Hz, w/ US/UK/EU connections included)	
9	Not Included (2)	
Code	Language	
E	English	
Code	Product Certifications	
KL	CENELEC/ATEX, FM, CSA Intrinsically Safe (includes FISCO as applicable)	
NA	No Approval	
Code	Easy Upgrade	
U	Easy Upgrade Option (3) (includes unlimited upgrades to System Card for 3 year period)	
9	Not Included	
Options		
Code	Spare Battery Pack	
B	Spare Rechargeable NiMH Battery Pack (4)	
Code	Expansion Module	
C	Configuration Expansion Module (5)	

- (2) Note: Only 375 Power Supply/Chargers may be used with the 375 Battery Pack.
- (3) The Easy Upgrade capability allows the user to add new System Application software and Device Descriptions (DD's) to the 375.
- (4) Battery Pack is capable of delivering power for 8 hours of typical field use. If requirements exceed this specification, a second Battery Pack is recommended.
- (5) The 375 stores 25 configurations. Expansion Module will store more than 500.



You can use it with your gloves on too.

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Significant design enhancements based on the 275 HART Communicator used in thousands of plants worldwide.



Specifications

Universal support for HART devices; upgradeable to provide FOUNDATION fieldbus support
Intrinsically Safe: Factory Mutual, CSA, CENELEC/ATEX
User upgradeable via the Internet (add support for new devices)
Navigation via touch screen and physical keypad buttons
Large LCD display with multi level backlight
Supports HART revision 6 devices
Includes Field Communicator, System Card, NiMH battery pack, recharger/power supply, leadset with connectors, carrying case, Getting Started Guide, User's Manual, 375 Resource CD, stylus, and straps

Calibration Instruments