

mDT001

EZ-TEST HAZMON SYSTEM TESTER



- Plug and play functionality makes it easy to diagnose CMC sensors and systems
- Easy-to-read backlit LCD and simple 5 button operator interface
- Provides a good/bad test for individual sensors and for network
- Fully verifies a sensor's electrical interface
- Sensor value is presented in real-time, using scaled units for easy verification
- Tester can be field-connected directly to an active CMC Intrinsically Safe network
- A built in sensor emulator streamlines system commissioning
- Any sensor can be cloned and the tester used to set the sensor value

Product Description

The EZTest handheld tester is an easy to use tool to diagnose CMC HazMon systems. It operates from 2 AA batteries and has an easy to read backlit LCD with a simple 5 button operator interface.

The tester provides a standalone good/bad test for individual sensors. In addition, the sensor's electrical interface and real-time output can be verified. All information is presented in scaled units to simplify the test results.

In addition to testing individual sensors, the tester can be connected to an active CMC Intrinsically Safe network and will supply a good/bad indication of the network's operation. Further details of the network's electrical operating condition are also provided.

The tester can also emulate any CMC sensor. This function allows the end to end verification of the system by using the tester to simulate each sensor on the network. The tester replaces the sensor on the network and then allows the operator to change the sensor value using the tester's keyboard. The emulated sensor value is displayed in the correct units and can be set to any value.

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Specifications	Description	Characteristic
IS Sensor Bus	Voltage	5 VDC
	Current	1.5 mA maximum
	Communications	Single-Wire Bus
Power Supply	Battery	2 x AA
Environment	Recommended Operating Range	-5°F to +120°F (-20°C to +50°C)
	Relative Humidity	0 to 95% non condensing
Dimensions	Length	5.5" (140mm)
	Width	3.3" (80mm)
	Depth	1.0" (25mm)