



4150x IS and 4150 non-IS HART[®] Communicators

Meriam's MFC 4150 is an ideal low-cost portable hand held HART communicator for commissioning, configuring, and maintaining HART field devices. The MFC 4150 supports all HART devices at the Universal and Common Practice command levels, plus a list of over 500 devices at the Device Specific command level.

Standard Features Include

- 13-line, 128 x 128 graphic, backlit display
- 60 hours battery life (w/o backlight)
- DPC Manager Utility for updating the 4150

Optional

- Class I Div I, Class I Zone 0 certifications

Typical Applications

- Commission devices
- Reconfiguration for process changes
- Troubleshoot devices with HART
- Re-ranging and trimming devices

Ease of Use

- Quick start up and connect
- Review / Edit on the fly Document and store 200 Configurations



Series M200 SMART Digital Manometer

Meriam has earned the reputation as an industry leading manufacturer of calibrators and digital manometers. We offer a full line of products covering a wide variety of applications and accuracy requirements at a value price. Digital or "smart" manometers are well suited for field measurement and process control. Features include min/max capture, data record, averaging and timed pressure tests. Meriam's M2 Series Smart Manometers bring high precision and value to handheld, digital manometer users. The M2 features NIST traceable accuracy of $\pm 0.025\%$ of F.S., independent of temperature effect, at the lowest costs. Pressure ranges from 10" H₂O F.S. to 3000 PSIG F.S. are available. M2 pressure sensors are also available to measure gauge, compound, differential, absolute or vacuum pressure. The display can read out in any of eleven pressure units or can be linearly scaled for special user units. Differential models offer a square root flow function to display flow rate in user defined units. An adjustable dampening feature minimizes the effects of pulsating pressures. A Min/Max function captures the extremes of pulsating or varying pressure signals and a hold function can freeze the display at any point of interest. Auto Record documents up to 240 readings for future recall.



M200DI Wet/Wet Differential Pressure Smart Manometer

Meriam's M200-DI handheld Smart Manometer for liquids brings high accuracy to wet/wet differential pressure applications. Potentially corrosive or wet gasses are also handled by the M200-DI. Wetted parts are 316L SS with Viton O-rings (consult factory for other materials). The M200-DI features NIST traceable accuracy of $\pm 0.05\%$ FS ($\pm 0.025\%$ FS optional) independent of temperature effect from 23° to 122 °F for Intrinsically Safe models. The accuracy statement is good from -4 ° to 122 °F for general purpose models. Pressure ranges are available from 0 - 1 PSID to 0 -500 PSID. All ranges are rated for 1000 PSI common mode pressure. HI side overpressure rating is 3X F.S. while the LO side overpressure rating is 3X F.S. or 150 PSI, whichever is less. Optional flushing ports allow solvent clean-out of P1 and P2 ports or can be used to vent air from the connecting tubing of liquid applications.

Accuracy

- Accuracy of $\pm 0.05\%$ Full Scale
- Optional Accuracy of $\pm 0.025\%$ Full Scale
- No temperature effect over operating range



M201 Rotary Gas Meter Tester

Differential testing of rotary meters offers two key advantages. First, the test equipment is much less expensive than a transfer prover; secondly and most importantly, the actual test can be performed much faster than with a transfer prover, thus achieving significant savings in time and resources. The new Measure Mode enables the M201 to be used as a conventional differential pressure measurement device. You will appreciate the live pressure display as you check the handheld's zero or observe DP across rotary gas meters. When a drop test is made, the M201 uses an internal stop watch to measure the test length. You only have to start and stop the test; the M201 reports both the test time and the average differential pressure measured during the test. Toggle the Min/Max key to see the minimum and maximum DP measured during the test.

It has been proven for several years now that the differential testing of rotary meters is an effective supplementary or even primary field proving method. These tests can, in some instances, be completed in just a few minutes and can save a utility thousands of dollars. Using this proven testing method and test equipment on a more frequent basis than transfer proving can and will prove beneficial to any utility, large or small.