



MFC5150x - HART[®] Handheld Communicators

- Intrinsically Safe - Class I, Div 1, Zone 0, Groups A,B,C,D
- Preloaded with 1400+ DDs and counting
- Free DD downloads for life
- 12 Languages Supported



MFT 4000/4010 Series - Modular Calibrators

- Intrinsically Safe option - Class I, Div 1, Groups A,B,C,D
- $\pm 0.025\%$ FS (typical) traceable to NIST with full temperature compensation from 23 °F to 122 °F
- Three sensor bays for a variety of pressure, temperature and electrical measurement and simulation

Applications: Commissioning, Calibration and Maintenance of Transmitters



The meriGauge[®] plus Digital Pressure Gauge

- Compound 0 to 20% of Range: $\pm (0.02\%$ of Full Scale) 20% to 110% of Range: $\pm (0.1\%$ of Reading)
- Vacuum*: $\pm (0.02\%$ of Full Scale) *Vacuum = -14.5 psi
- Ranges 15-3000psi



Hand Pumps

- Vacuum: 0 to 28 Hg
- Pressure: 0 to 100 PSI
- Hydraulic pressure: 0 - 10,000 PSI

Applications: Pressure source for calibration of pressure measurement devices



Calibrators/Digital Manometers

M100/M101 - Precisely measures pressure with its $\pm 0.25\%$ FS accuracy, or $\pm 0.10\%$ FS

M130 - Measure and source thermocouples $\pm 0.005\%$ of reading

M200 - Measure gauge, compound, differential, absolute or vacuum pressure $\pm 0.05\%$, $\pm 0.025\%$, $\pm 0.010\%$

M334 - 4-20mA Loop Power calibrator

M400 - Precisely measure/data-log single or dual pressures, sink or current $\pm 0.25\%$

Applications: Transmitter Calibration, Datalogging, Troubleshooting, Leak Testing, Manometer Replacement and HVAC Balancing, 4-20 mA output trimming



Digital Gauges & Transmitters

- Accuracy of $\pm 0.05\%$ FS Pressure, with temperature compensation
- Digital and analog outputs
- Intrinsically Safe Gauge: Class I, Div 1, Groups A,B,C,D

Applications: Factory or Process automation for any pressure application



Laminar Flow Elements

- Digital DP, Pressure and temperature measurement for best possible accuracy
- MDT500 system accuracy, including LFE, as low as $\pm 0.8\%$ FS
- Minimum flow rate of 0.54 SCCM

Applications: EPC flow system Integrators, Automotive Engine Test Cells, Window and Door Testing



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Accutubes

- Line sizes from 1/2 to 240 inches
- Complete flow solution
- $\pm 1\%$ of Reading
- $\pm 0.1\%$ Repeatability
- 304SS, 316SS, Monel, Inconel, Hastelloy

Applications: All Gas, Liquid and Steam Flow



Orifice Plates & Flanges

- Orifice plates per AGA, ISO-5167, or ASME Standards. Flanges per ANSI
- 304SS, 316SS, Monel, Inconel, Hastelloy
- Weld neck, slip on, and threaded flanges

Applications: Custody Transfer, Chemical Flow, Steam Flow



Bellows DP Gauges

- Indicators, switches optional Class I, Div 1 explosion proof switch (Group D)
- $\pm 0.75\%$ of FS accuracy typical
- DP ranges from 30 WC to 500 PSI with SWP up to 3000 PSI

Applications: Tank Level, Inline Filter Monitoring and Flow Measurement



Manometers

- U-tube manometers measure vacuum or differential pressures
- Well manometers are easier to see versus U-Tube manometers
- Inclined manometers stretch a vertical differential along inclined indicating column for greater accuracy

Applications: Calibration, Tank Level, Laboratory and Flow Measurement



PIT5000

- Replaces bulky and fragile dead weight pressure testers, pressure chart recorders, and temperature chart recorders with a rugged all-in-one solution
- Conducts and documents pipeline hydrostatic pressure tests

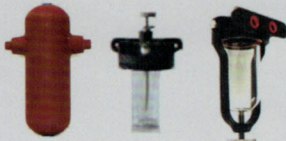
Applications: Pipeline Integrity Testing



Rotary Gas Meter Tester

- M201: Programmed to measure differential pressure then display true average of measurements
- Accuracy of $\pm 0.1\%$ FS (28 H₂O range) or $\pm 0.05\%$ FS (200 H₂O range)

Applications: Leak Testing for rotary gas meters.



Accessories

Seal Pots

Line Traps

Bubblers

Applications: Calibration, Tank Level, Laboratory, Flow Measurement and Leak Testing for Rotary gas meters.

**Meriam
Products**

**CALIBRATION
& REPAIR**

**RENTAL
PROGRAM**

Calibration & Repair

Meriam offers service and calibration on all Meriam products. Visit meriam.com for an RMA form and pricing.

Rental Program

- Reduce costs: If you only need a unit a few times a year.
- No capital investment: Renting is an expense.
- Speed: Rental expenses are lower so you can get the units quicker.
- Reduce maintenance and downtime: Rental units come calibrated.
- Inventory control: Rent only what you need, when you need it.
- Rent a unit and see how well it works before you buy.