



**meriam<sup>®</sup>**  
process technologies

A trusted leader in measurement  
& calibration solutions.

**meriam.com 1 (800) 817-7849**



### 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 psi to 3000 psi

*insert colon and minus sign*



### Hand Pumps

- Vacuum: 0 Hg to 28 Hg
- Pressure: 0 psi to 100 psi
- Hydraulic pressure: 0 psi to 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** - 4-20 mA Loop Power calibrator

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

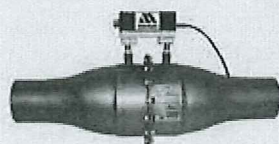
**Applications:** Transmitter Calibration, Datalogging, Troubleshooting, Leak Testing, Manometer Replacement and HVAC Balancing, 4-20 mA output trimming



### 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

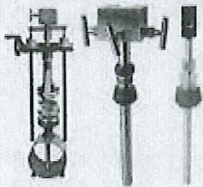




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### Accutubes

- 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



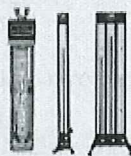
### Orifice Plates & Flanges

- 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
- replace 30 WC with 1 psi*



### 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



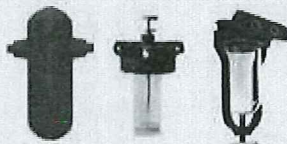
### PIT5000

- 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 H<sub>2</sub>O range) or  $\pm 0.05\%$  FS (200 H<sub>2</sub>O range)
- Applications:** Leak Testing for rotary gas meters.
- change both to in H<sub>2</sub>O subscript*



### 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](http://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.