



MFT Series

- Combination Calibrator/HART® Communicator
- Integral voltage and current meter in base unit
- Three sensor bays for a variety of pressure, temperature and electrical measurement and simulation
- $\pm 0.025\%$ FS (typical) traceable to NIST with full temperature compensation from 23°-122° F
- Intrinsically Safe option - MET for Class I, Div 1, Groups A,B,C,D



MFC Series

- Full function HART® communicator
- Communications 15 seconds after ON.
- Intrinsically Safe option – ATEX, cUL_{US}
- 60 hour life using AA alkaline batteries
- Memory for 200 configuration saves



M200 Series Including the M200-DI Wet/Wet DP Smart Manometer

- Portable Smart Manometer – differential, gauge, vacuum and absolute pressure types available
- Intrinsically Safe option – ATEX, cUL_{US}
- $\pm 0.025\%$ FS (typical) traceable to NIST with full temperature compensation from 23°-122° F
- Pressure Ranges: Vacuum to 2000 PSI
- Min/Max, Hold, Damping features, Leak test, 100+ hour life using AA alkaline batteries



M201 Series

- Rotary Vane Meter Tester
- Same hardware as M200 plus:
 - Programming specifically for dp testing across rotary vane natural gas meters
 - Optional push to read valve
- Optional 3-valve equalizing manifold



M202 Series

- Precision Absolute Manometer - Same hardware as M200 plus:
- Push button TARE feature (replaces Hold button)
- Selectable pressure units: mm Hg A, PSIA, in Hg A, Bar A, kPa A, Torr A
- 900 mm Hg A (17 PSIA): $\pm 0.02\%$ FS (FS = 900 mm Hg A)
- 2000 mm Hg A (38 PSIA): $\pm 0.015\%$ FS from 0 – 1000 mm Hg A (FS = 2000 mm Hg A)
 $\pm 0.025\%$ FS from above 1000 mm Hg A (FS = 2000 mm Hg A)
- Selectable altitude display: feet or meters



M100 Series

- Handheld Digital Manometer – 300+ hour life using AA alkaline batteries
- Eight (8) selectable engineering units
- M100: $\pm 0.25\%$ FS accuracy (NIST traceability certificate optional)
- M101: $\pm 0.10\%$ FS accuracy traceable to NIST (NIST traceability certificate optional)
- Available in differential, gauge, and absolute pressure versions

CALL US AT 216.281.1100 FOR MORE INFO OR TO ORDER!

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****NEW DESIGN** LFE Products**

- Models for flow rate of 5.4 SCCM FS to 2250 SCFM FS
- Calibration not effected when replacing filter; & inline filter for low pressure applications
- No straight pipe run required on inlet side
- LFE Flow Systems with accuracy +/-1% of flow rate
- Flow turndown 20:1 or better
- Great choice for calibration work, leak testing / quantification, engine intake air flow measurement



Accutubes

- Averaging Pitot Tubes used for gases, steam, and liquids
- HVAC, general purpose, Direct Transmitter Mount, and Gear and Socket Drive Wet Tap models
- Available for pipe or duct sizes from 1/2" to 72" or greater
- +/- 1% of Reading Accuracy where applicable
- Economical, simple installation, measurement standard



Hand Pumps

- Models include vacuum, pressure, pneumatic and hydraulic
- Contoured Cushion Handles
- Mash proof vent valve
- Kits include case, hoses, fittings, and optional gauges



Device Management Solutions (DMS)

- Device Calibration and Configuration Management Software
- Data management, calibration and maintenance, configuration for HART® smart devices
- Interface with our MFT 4000 series calibrator handheld and our MFC 4150 HART® Communicator



Analog Gauges

- Mechanical differential pressure (bellows type) gauges
- DP ranges from 30" wc to 500 psi with SWP up to 6000 psi
- +/- .75% of FS accuracy typical
- Indicators, switches and explosion proof switches



Digital Gauges & Transmitters

- Panel mount, pipe mounts and portable
- High accuracy with temperature compensation
- Digital and analog outputs
- NEMA 4 Ratings / Intrinsic Safety / CE compliance



Orifice Plates

- Orifice plates per AGA, ISO-5167, or ASME Standards. Flanges per ANSI
- 304SS, 316SS, Monel, Inconel, Hastelloy
- Weld neck, slip on, and threaded flange styles
- SS, forged carbon steel, and PVC flange materials