

Technical Diagnostic Services

Featured Product

MERIAM M200 Wet / Wet Manometer

M200-DI Wet/Wet Differential Pressure SMART MANOMETER

This Smart Manometer uses DP sensors that are protected from the process fluid by 316L SS diaphragms and Viton O-rings on both the high (P1) and low (P2) sides. This unique isolation in a DP handheld opens up a new set of options for I & E technicians:

1. 316L SS and Viton wetted parts improves process media compatibility and eliminates costly repairs; many liquid, corrosive gas and wet gas measurements are now possible and more calibrations can be accomplished in the field.
2. When used properly with a 3-valve equalizing manifold, the M200-DI series will handle up to 1000 PSIG common mode pressure. Field calibrations of DP instrumentation can be accomplished at operating pressure, reducing or eliminating static pressure effects on the accuracy of the field instrument.
3. Spot checks of head type flow meters in liquid service (orifice plates, venturis, nozzles, wedge elements, V-cone) are now possible; technicians can check the DP without interrupting the process or they can use the square root function to display flow rate.
4. The flushing manifold option enables users to flush particulates, contaminants or residues from the manifold and sensor body. Flushing with appropriate solvents prior to sending out for re-certification or re-calibration eliminates potentially hazardous residue and removes vendor concerns about exposure to hazardous chemicals.



TDS is a National
Distributor For These
Fine Manufacturers

MERIAM

Model M200



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.

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 (pending) allow solvent clean-out of P1 and P2 ports or can be used to vent air from the connecting tubing of liquid applications.

TDS is your ONE STOP SHOP for quality Test Equipment

Equipment in Stock and Ready-to-go

We have a tremendous inventory. That means we have the equipment you need, on the shelf, and it's available for next day delivery.

Call us today for a Quote at 817-465-9494 x269
or you can email us at
sales@technicaldiagnostic.com

**AEMC
Dickson
Extech/ Flir
Yokogawa
Martel
Meriam
Monarch
Pelican
Hioki
PIE**

We have moved into our new facility and doubled our warehouse space.

That means we have a tremendous inventory of quality equipment.



Call Us Today For a Quote at 817-465-9494

Or Visit us on the Web at
www.test-equipment-rental.com

visit us on the web at
www.test-equipment-rental.com