

Totally Integrated Design, Manufacturing & Testing Facility

Mid-West Instrument's plant in Sterling Heights, MI includes an experienced staff of engineers and technicians in many disciplines. The latest technology is used for integrating the design, engineering, testing, manufacturing and assembly of Mid-West's line of precision instruments.

Mid-West's staff of experienced engineers and technical personnel work with our customers to solve their most challenging custom gauge requirements.



The latest CAD system software is used to develop original as well as custom gauges for Mid-West's customers.

Engineering & Custom Design

Qualified Experienced Staff



Manufacturing



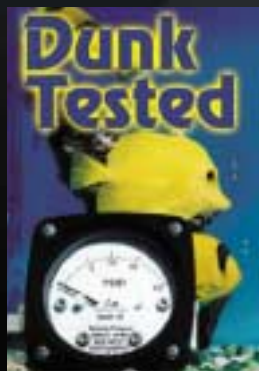
State-of-the-art manufacturing systems are used to reach the precision tolerances of Mid-West's full line of gauge products.

Quality System Certification

Assembly & Testing



Mid-West's quality system is 3rd party certified by QMI in accordance with CSA standard B-51-1997 part 1. The result of this quality assurance program is a **Five (5) Year Product Warranty** ... the best in the industry!



Mid-West Instrument proves the weatherproof designs of their differential pressure gauges by submersion in water for up to 18 hours. This weatherproofing process is standard on all gauges.



Mid-West utilizes a wide range of custom fixtures to meet its diverse range of standard and custom gauge assembly requirements.



Pressure Limiting Valves

Pulsation Dampeners

Pulsation Dampeners

150 SERIES
Vari-Damp® pulsation dampeners provide protection against pulsation and surges.

Pressure Limiting Valves

GAUGE MINDER

200/900 SERIES
Gauge Minder® provides positive shut off against over-pressure and automatically reopen within 10% below shut-off pressure. Set pressures to 5000 P.S.I.G.



The shape of tomorrow is here today in the new "Tear-Drop" shaped averaging pitot tubes in both 1/2" and 1" flow elements.



- Accuracy up to +/- 1.0% of actual flow, repeat accuracy +/- 0.1%.
- Suitable for use in the measurement of liquids, gases or steam.
- Designed for use with differential pressure gauges, transmitters, totalizers and chart recorders.

Mid-West Instrument's 5 Year Product Warranty is the best in the industry.



Mid-West Instrument

"Best Value in P Instrumentation"

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REPRESENTED BY:

Mid-West Instrument



The World Leader In Differential Pressure Gauges



Mid-West Instrument's Differential Gauges Meet Global Demands

Mid-West Instrument, located in Sterling Heights, MI is one of the leading designers and manufacturers of differential pressure gauges and switches in the U.S. The firm's experienced engineers and technicians utilize the latest equipment for engineering, manufacturing and testing the firm's gauge and switch products. All Mid-West Instrument products are manufactured in the **United States** and are backed by an industry leading **Five (5) Year Warranty**.

Mid-West also produces a line of "Averaging Pitot Tubes" sold under the "Delta-Tube" brand as well as portable test kits, pulsation dampeners and pressure limiting valves. A network of factory trained representatives are available at more than 100 locations. Oil, Gas, Water, Chemical, Petrochemical, Power Generation and Gas Liquidification are a few of the industries served.



Filter Monitoring



Features/Benefits

- Differential Pressure Ranges Available for Liquids or Gases
- Standard or Custom Dial Scales
- Wide Variety of Materials
- From Low Cost Differential Pressure Indicators to High Accuracy Differential Pressure Gauges

Switches

Model 120 Series Differential Pressure Gauge Features Two (2) Adjustable Reed Switches with Plug-In Connectors (DIN 43650IP65-PG11)



Custom OEM Filter Monitors

Mid-West Instrument Offers Differential Pressure Indicators in Standard or Custom Designs with Plastic or Metal Bodies to Satisfy OEM Filter Monitoring Requirements.



Flow & Liquid Level



Features/Benefits

- Wide Variety of Materials
 - Standard or Custom Dials
 - Compact Light-Weight Design
 - Corrosion-Resistant Gauge Fronts (NEMA 4X)
- Uses Include:
- Tanker Transport
 - Vertical or Horizontal Stationary Tanks



See Bulletin GPB/Latest for Product Details
or See Our WebSite: www.midwestinstrument.com



- Available with High/Low Alarm Switch(es) in NEMA 4X or NEMA 7 Assemblies
- CE Marked Switch Assemblies
- Differential Pressure Ranges from 0-5" H₂O through 0-6000 PSID
- Working Pressures to 6000 PSIG

Switches

Model 140 Series Differential Pressure Gauge Features (1) or (2) Adjustable Reed Switches with Terminal Strip Mounted in NEMA 4X Enclosure



Explosion Proof



Features/Benefits

- Explosion Proof Enclosures Available for most Model Gauges
- Class I, Div. I, Groups B, C, & D Class II, Div. I, E, F & G CE Ex d IIB + H2 IP65
- CSA Certified Assemblies and UL Listed Assemblies ATEX Certified

Division II Hazardous Locations

Switches

Model 120 Series Differential Pressure Gauge Features Two (2) Adjustable Reed Switches Rated to Class I, Div. II, Groups A, B, C, & D, Class II, Div. II, Groups F & G



Portable Test Kits



Features/Benefits

- Mid-West Instrument is the Leading Independent Manufacturer for the Backflow Prevention and Hydronic Balancing Test Kit Markets
- All Standard Mid-West Instrument Differential Pressure Gauges can be mounted in Portable Test Kits
- Mid-West Instrument is the Leading Manufacturer of Backflow Prevention Test Kits and Accessories. Kits are available in 5, 3 and 2 valve configurations and can test to all known test procedures including those recommended by ASSE, AWWA, CSA, FCCC & HR-USC and NEWWA.
- Special Test Kit Applications Welcome

Backflow Prevention Test Kit Model 845 5 Valve Test Kit

