



CART

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SERIES 2000 MAGNEHELIC® DIFFERENTIAL PRESSURE GAGES

Indicate Positive, Negative or Differential, Accurate within 1%

- No Power Required
- Low Cost
- Used in Isolation/ Hospital Environments and Temporary Units (no power required)

Select the **Series 2000 Magnehelic® Gage** for a versatile low differential pressure gage with a wide choice of 81 models and 27 options to choose from. Using Dwyer's simple, frictionless Magnehelic® gage movement, it quickly indicates air or noncorrosive gas pressures--either positive, negative (vacuum) or differential. The design resists shock, vibration, over-pressures and is weatherproof to IP67. Select the **-HA High Accuracy Magnehelic® Gage** option for an accuracy within 1% of full scale, located below in the **Product Configurator**. Also included with the -HA option at no extra cost are a mirrored scale overlay and a 6 point calibration certificate.



NIST CALIBRATION available in Product Configurator.

Note: May be used with Hydrogen. Order a Buna-N diaphragm.
Pressures must be less than 35 psi.

Please see [Series AT-2000](#) for ATEX approved.

California Residents: [Click Here](#) for Proposition 65 WARNING.

PRODUCT APPLICATIONS

- Filter Monitoring
- Air Velocity with Dwyer Pitot Tube
- Blower Vacuum Monitoring
- Fan Pressure Indication
- Duct, Room or Building Pressures
- Clean Room Positive Pressure Indication



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SPECIFICATIONS

Service: Air and non-combustible, compatible gases (natural gas option available). Note: May be used with hydrogen. Order a Buna-N diaphragm. Pressures must be less than 35 psi.

Wetted Materials: Consult factory.

Housing: Die cast aluminum case and bezel, with acrylic cover, Exterior finish is coated gray to withstand 168 hour salt spray corrosion test.

Accuracy: $\pm 2\%$ (-HA model ± 1) of FS ($\pm 3\%$ (-HA $\pm 1.5\%$) on -0, -100PA, -125PA, -10MM and $\pm 4\%$ (-HA $\pm 2\%$) on -00, -60PA, -6MM ranges), throughout range at 70°F (21.1°C).

Pressure Limits: -20 in Hg. to 15 psig.† (-0.677 bar to 1.034 bar); MP option: 35 psig (2.41 bar), HP option: 80 psig (5.52 bar).

Enclosure Rating: IP67.

Overpressure: Relief plug opens at approximately 25 psig (1.72 bar), standard gages only. See Overpressure Protection note on Catalog page.

Temperature Limits: 20 to 140°F (-6.67 to 60°C). -20°F (-28°C) with low temperature option.

Size: 4" (101.6 mm) diameter dial face.

Mounting Orientation: Diaphragm in vertical position. Consult factory for other position orientations.

Process Connections: 1/8" female NPT duplicate high and low pressure taps - one pair side and one pair back.

Weight: 1 lb 2 oz (510 g); MP & HP 2 lb 2 oz (963 g).

Standard Accessories: Two 1/8" NPT plugs for duplicate pressure taps, two 1/8" pipe thread to rubber tubing adapters and three flush mounting adapters with screws. (Mounting and snap ring retainer substituted for three adapters in MP & HP gage accessories.)

Agency Approval: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II). Note: -SP models not RoHS approved.

Note: For applications with high cycle rate within gage total pressure rating, next higher rating is recommended.
See Options Page.
