



SERIES 2000-HA | HIGH ACCURACY MAGNEHELIC® DIFFERENTIAL PRESSURE GAGE

FEATURES/BENEFITS

- Accurate within 1%
- · Mirrored scale overlay eliminates parallax error
- · Six point calibration certificate included
- · IP67 Fully protects against dust and immersion
- Optional corrosion resistant brushed 304 SS bezel

APPLICATIONS

- · Clean room positive pressure indication
- Filter monitoring
- · Air velocity with Dwyer pitot tube
- Blower vacuum monitoring
- Fan pressure indication
- Duct, room, or building pressures



Note: Shown with optional -SS bezel

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6-Point Calibration Certificate Included

DESCRIPTION

The SERIES 2000-HA High Accuracy Magnehelic® Gage is twice as accurate as the standard Magnehelic® gage. The well-engineered High Accuracy Magnehelic® Gage offers a mirrored overlay as standard in order to eliminate any parallax error when taking measurements. A six point calibration certificate is included with each high accuracy model. The rugged IP67 casing helps fully protect against dust and water ingress. The redesigned corrosion resistant brushed 304 stainless steel bezel option offers a clean tapered design, yet minimizes the possibility of any dust accumulation on the edges.

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 ±1% FS (±1.5% on -0, -100PA, -125PA, -10MM and ±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).

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).

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).

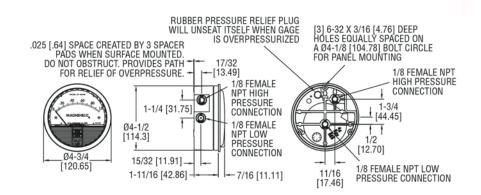
Standard Accessories Two 1/8" NPT plugs for duplicate pressure taps, two 1/8" pipe thread to rubber tubing adapters, and three flush mounting adapters with screws.

Agency Approvals Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

DS-2000-HA | 1/17



DIMENSIONS



HOW TO ORDER

Use the **bold** characters from the chart below to construct a product code

2001 -HA

SERIES/RANGE* -

in w.c./mm w.c. 2000-00 - 0-0.25 in w.c. 2000-60NPA - 10-0-50 Pa **2000-00N** - 0.5-0-0.2 in w.c. 2000-60PA - 0-60 Pa 2000-100PA - 0-100 Pa 2000-0 - 0-0.5 in w.c. 2001 - 0-1 in w.c. 2000-125PA - 0-125 Pa 2002 - 0-2 in w.c. 2000-250PA - 0-250 Pa 2003 - 0-3 in w.c. 2000-300PA - 0-300 Pa 2004 - 0-4 in w.c. 2000-500PA - 0-500 Pa 2006 - 0-6 in w.c. 2300-60PA - 30-0-30 Pa 2010 - 0-10 in w.c. 2300-100PA - 50-0-50 Pa 2000-6MM - 0-6 mm w.c. 2300-120PA - 60-0-60 Pa

2000-50MM - 0-50 mm w.c. 2300-12MM - 6-0-6 mm w.c. kPa

2000-1KPA - 0-1 kPa 2000-1.5KPA - 0-1.5 kPa 2000-2KPA - 0-2 kPa 2000-3KPA - 0-3 kPa

OPTIONS*

-HA - High accuracy scale

-SS - Brushed 304 stainless steel bezel

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DWYER INSTRUMENTS, INC.