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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**

Note: Shown with optional -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

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.

6-Point Calibration Certificate Included

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).

dwyer-inst.com

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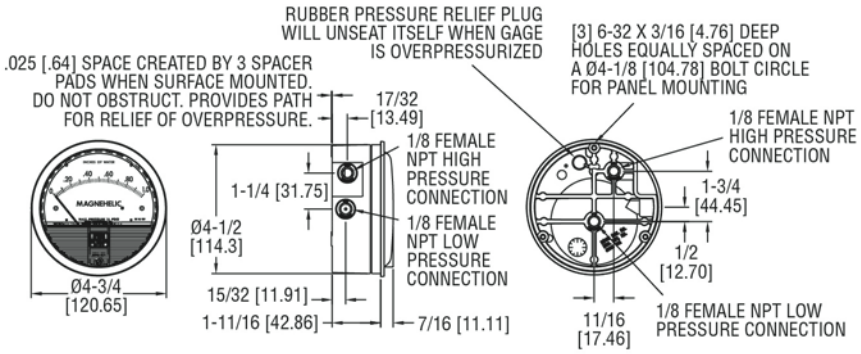
DIMENSIONS



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.
2000-00N - 0.5-0-0.2 in w.c.
2000-0 - 0-0.5 in w.c.
2001 - 0-1 in w.c.
2002 - 0-2 in w.c.
2003 - 0-3 in w.c.
2004 - 0-4 in w.c.
2006 - 0-6 in w.c.
2010 - 0-10 in w.c.
2000-6MM - 0-6 mm w.c.
2000-50MM - 0-50 mm w.c.
2300-12MM - 6-0-6 mm w.c.

Pa

2000-60NPA - 10-0-50 Pa
2000-60PA - 0-60 Pa
2000-100PA - 0-100 Pa
2000-125PA - 0-125 Pa
2000-250PA - 0-250 Pa
2000-300PA - 0-300 Pa
2000-500PA - 0-500 Pa
2300-60PA - 30-0-30 Pa
2300-100PA - 50-0-50 Pa
2300-120PA - 60-0-60 Pa

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

*Only our most popular models and options are listed. For additional available models, please visit:
https://www.dwyer-inst.com/Product/Pressure/DifferentialPressure/Gages/Series2000

Important Notice: Dwyer Instruments, Inc. reserves the right to make changes to or discontinue any product or service identified in this publication without notice. Dwyer advises its customers to obtain the latest version of the relevant information to verify, before placing any orders, that the information being relied upon is current.

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SCATTERGOOD & JOHNSON LTD
ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS
Est.1899

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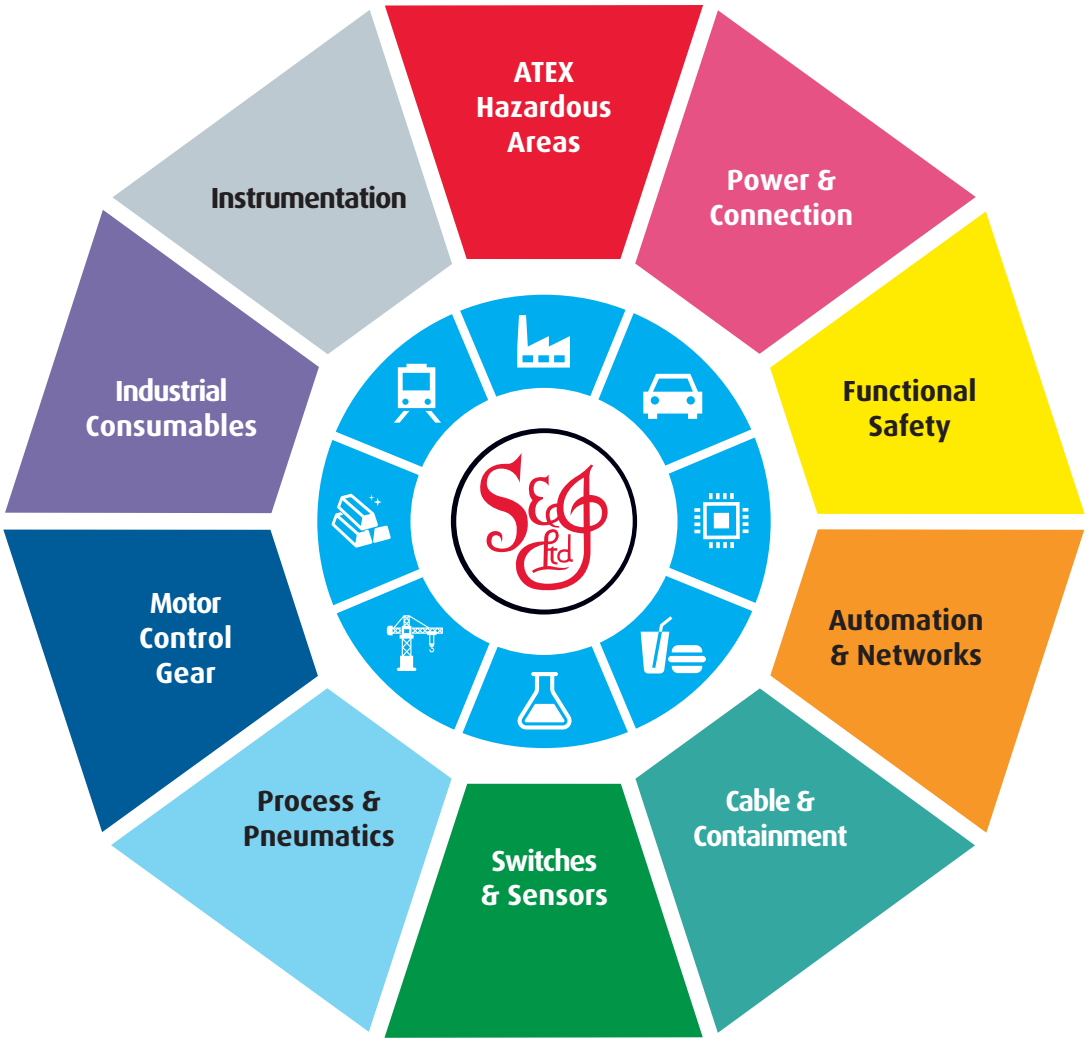
Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



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