Series 7000B Spirahelic® Direct Drive Pressure Gages with turret mount housings feature a triple coil spiral/helical wound Bourdon tube to provide dependable service. Bourdon tube design eliminates gears, springs, linkages and complex movements which can wear and cause inaccuracy or early failure. Series 7000B gages come standard with a dual-size 1/2˝ male NPT and 1/4˝ female NPT process connection.

### SPECIFICATIONS

#### Service:
Compatible gases & liquids.

#### Wetted Materials:
Grade A accuracy: Beryllium copper Bourdon tube, nickel plated brass connection block.
Grade 2A accuracy: Inconel® X-750 alloy Bourdon tube, type 316L SS connection block.

#### Housing:
Black polycarbonate case and clear acrylic cover.

#### Accuracy:
Grade A (2%-1%-2%); Grade 2A (0.5% FS).

#### Pressure Limit:
150% of full-scale. Gage will maintain its specifications for overpressures up to 150% maximum range. Normal operation should be between 25% and 75% of full-scale.

#### Temperature Limits:
-65 to 180°F (-53.9 to 82.2°C).

#### Size:
4-1/2˝ (114.3 mm) dial face – Design conforms to ASME B40.1.

#### Process Connections:
Dual size 1/2˝ male NPT X 1/4˝ female NPT, bottom connections.

#### Weight:
18.2 oz (516 g).

### OPTION

For NIST traceable calibration certificate, add suffix -NIST to model numbers.

Example: 7100B-G060-NIST.

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<th>Price</th>
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### Grade 2A Accuracy (1/2% of F.S.)

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### Precision design ensures maintenance-free performance.

- **Solid front case combined with rear blowout plug**
  Provides highest level of operator safety.

- **Direct drive movement**
  - no cams, gears, or linkages.
  Provides longer operating life than standard 'C' Bourdon gages.

- **Precision balanced pointer**
  With reduced friction produces higher responsiveness than standard gage.

- **High impact plastic case and lens**
  Allows gages to last through the most demanding applications.

- **Design of small diameter tubing**
  Wound in spiral/helical coil acts like a liquid filled gage without the fill.

- **Center post bearing carrier**
  Supports pointer shaft and coil.

- **Rear blowout hole**
  Covered with label. This safety enhancement directs an overpressure surge or spike away from operators.

- **Case and shock protection**
  Ribs help prevent damage to Bourdon tube in the event of severe shock.

- **Filter plug**
  Protects Bourdon tube from particulate damage and reduces pressure surges.

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