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% F.S.)

**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).

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### Precision design ensures maintenance-free performance.

- Solid front case combined with rear blowout plug provides highest level of operator safety.
- Design of small diameter tubing wound in spiral/helical coil acts like a liquid filled gage without the fill.
- 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.
- Case and shock protection ribs help prevent damage to Bourdon tube in the event of severe shock.
- High impact plastic case and lens allows gages to last through the most demanding applications.
- Filter plug protects Bourdon tube from particulate damage and reduces pressure surges.

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### Table: Compound Gages - Grade 2A Accuracy (1/2% of F.S.)

<table>
<thead>
<tr>
<th>Model</th>
<th>Ranges (psig)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7112B-G030C</td>
<td>30</td>
</tr>
<tr>
<td>7112B-G045C</td>
<td>30-G0-45</td>
</tr>
<tr>
<td>7112B-G060C</td>
<td>30-G0-60</td>
</tr>
<tr>
<td>7112B-G100C</td>
<td>30-G0-100</td>
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