### Specifications

**Spirahelic® Direct Drive Pressure Gage**

- **Panel Mount, 4-1/2" & 8-1/2" Dials, ASME Grades 2A & 3A**

**Model:**
- **Model 7112 (4-1/2˝ Dial)**
- **Model 7312 (8-1/2˝ Dial)**

**Series 7000**

**Grade 2A Accuracy (1/2% of FS)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Range (psig)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7112-G030</td>
<td>30</td>
</tr>
<tr>
<td>7112-G060</td>
<td>60</td>
</tr>
<tr>
<td>7112-G100</td>
<td>100</td>
</tr>
<tr>
<td>7112-G200</td>
<td>200</td>
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<tr>
<td>7112-G300</td>
<td>300</td>
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<tr>
<td>7112-G600</td>
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</tr>
<tr>
<td>7112-GC010</td>
<td>1000</td>
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</tbody>
</table>

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<table>
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<tr>
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<td>7312-G060</td>
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<tr>
<td>7312-G100</td>
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<tr>
<td>7312-G200</td>
<td>200</td>
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<tr>
<td>7312-G300</td>
<td>300</td>
</tr>
<tr>
<td>7312-G600</td>
<td>600</td>
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</tbody>
</table>

**Options**

- For NIST traceable calibration certificate, add suffix -NIST to model numbers. Example: 7112-G060-NIST.

**Accessories**

- A-341, Brass adapter, 1/4˝ male NPT to G 1/2 A (per ISO 228/1) parallel thread 2-1/2˝ length

**Note:** Additional ranges and accuracy requirements are available. Please consult the factory for details.

**Contact Us**

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- China +852-23181007

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**Specifications**

- **Service:** Compatible gases & liquids.
- **Wetted Materials:** Inconel® X-750 alloy Bourdon tube, type 316L SS connection block.
- **Housing:** Black polycarbonate case and clear acrylic cover.
- **Accuracy:** Grade 2A (0.5% FS).
- **Pressure Limit:** 150% of full-scale. Gage will maintain its specifications for overpressures up to 150% max. range. Normal operation should be between 25% and 75% of full-scale.
- **Temperature Limits:** -65 to 180°F (-53.9 to 82.2°C).
- **Sizes:** 4-1/2˝ dial face (114.3 mm), 8-1/2˝ dial face (215.9 mm), design conforms to ASME B40.1.
- **Process Connections:** Two 1/4˝ female NPT field-selectable back or bottom connection.
- **Weight:** 4-1/2˝ dial face: 16.3 oz (462.1 g); 8-1/2˝ dial face: 27.3 oz (773.9 g).
- **Standard Accessory:** One 1/4˝ male NPT stainless steel plug.

**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.
- **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.
- **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.