**Series SG3**

**1.5" Stainless Steel Industrial Pressure Gage**

2.5% FS Accuracy, 316 SS Wetted Parts, Dual PSI/Bar x100 kPa Scales

The Series SG3 Gages have dual psi and bar (x100 kPa) scales with ±2.5% full-scale accuracy. The Series SG3 gages are designed with 304 SS housings and 316 SS wetted parts for excellent chemical compatibility. These gages cover a wide variety of ranges from full vacuum to 300 psi. Units can withstand ambient temperatures up to 140°F (60°C). Bottom or back 1/8" NPT connection options available.

**SPECIFICATIONS**

- **Service:** Compatible gases and liquids.
- **Wetted Materials:** 316 L SS tube, 316 SS connector.
- **Housing:** 304 SS.
- **Lens:** Polycarbonate.
- **Accuracy:** ±2.5% FS.
- **Pressure Limit:** FS range.
- **Temperature Limits:** -4 to 140°F (-20 to 60°C).
- **Size:** 1.5" (40 mm).
- **Process Connections:** 1/8" male NPT.
- **Weight:** 2.4 oz (70 g) bottom, 2.5 oz (72 g) back.

**APPLICATIONS**

- Vacuums in pneumatic conveying lines
- Positive pressure in compressed air headers

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
<th>Model</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>SG3-B10121N</td>
<td>30&quot; Hg to 0</td>
<td>SG3-B1021N</td>
<td>0 to 160 psi</td>
</tr>
<tr>
<td>SG3-B10321N</td>
<td>0 to 30 psi</td>
<td>SG3-B10721N</td>
<td>0 to 200 psi</td>
</tr>
<tr>
<td>SG3-B10421N</td>
<td>0 to 60 psi</td>
<td>SG3-B11021N</td>
<td>0 to 300 psi</td>
</tr>
<tr>
<td>SG3-B10521N</td>
<td>0 to 100 psi</td>
<td></td>
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</tr>
</tbody>
</table>

Note: Change ending 21N to 41N for back connection

**ACCESSORY**

A-445B, U-Bracket Mounting Kit for 1.5" Gage

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**Series SGY**

**2.5" Stainless Steel Industrial Pressure Gage**

1.5% FS Accuracy, Brass Wetted Parts, Dual PSI/Bar x100 kPa Scales

The Series SGY Gages have dual psi and bar (x100 kPa) scales with ±1.5% full-scale accuracy. The Series SGY gages are designed with 304 SS housings and brass wetted parts for excellent chemical compatibility. These gages cover a wide variety of ranges from full vacuum to 1,000 psi and are available in both bottom or back connections. Series SGY gages employ an easy-open breather plug on top, which allows liquid filled units to breathe, relieving any built up internal pressures. Plug easily pops open and does not need to be entirely removed or cut like a typical gages’ rubber plug grommet.

**APPLICATIONS**

- Vacuums in pneumatic conveying lines
- Positive pressure in compressed air headers

<table>
<thead>
<tr>
<th>Model</th>
<th>Range</th>
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</tr>
</thead>
<tbody>
<tr>
<td>SGY-D10122N</td>
<td>30&quot; Hg to 0</td>
<td>SGY-D10222N</td>
<td>0 to 200 psi</td>
</tr>
<tr>
<td>SGY-D10322N</td>
<td>0 to 30 psi</td>
<td>SGY-D10722N</td>
<td>0 to 300 psi</td>
</tr>
<tr>
<td>SGY-D10422N</td>
<td>0 to 60 psi</td>
<td>SGY-D11022N</td>
<td>0 to 500 psi</td>
</tr>
<tr>
<td>SGY-D10522N</td>
<td>0 to 100 psi</td>
<td>SGY-D11122N</td>
<td>0 to 1000 psi</td>
</tr>
<tr>
<td>SGY-D10622N</td>
<td>0 to 160 psi</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Note: To order with glycerin fill add - GF to the end of the model
For back connect, change ending from 22N to 42N

**SPECIFICATIONS**

- **Service:** Compatible gases and liquids.
- **Wetted Materials:** Brass connection, bronze tube.
- **Housing:** 304 SS.
- **Lens:** Polycarbonate.
- **Accuracy:** ±1.5% FS.
- **Pressure Limit:** FS range.
- **Temperature Limits:** -4 to 140°F (-20 to 60°C).
- **Size:** 2.5" (63 mm).
- **Process Connections:** 1/4" male NPT.
- **Weight:** 4.9 oz (139 g) bottom, 5.8 oz (164 g) back. Add 2.8 oz (78 g) for fill.

**ACCESSORIES**

A-445D, U-Bracket Mounting Kit for 2.5" Gage
A-499R, Red Sliding Color Pointer
A-499Y, Yellow Sliding Color Pointer
A-499G, Green Sliding Color Pointer

**OPTION**

For NIST traceable calibration certificate, use order code NISTCAL-PG1.