

## SERIES SGY &amp; SGZ

## 2.5" INDUSTRIAL PRESSURE GAGE

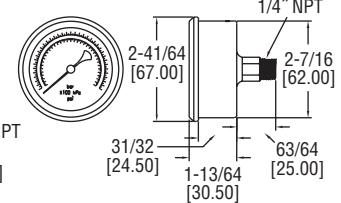
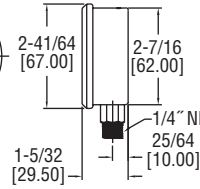
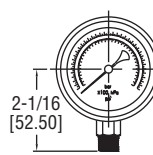
1.5% FS Accuracy, 316 SS or Brass Wetted Parts, Dual PSI/Bar x100 kPa Scales



SGZ Bottom

SGZ Back with  
Accessory Pointers

SGY Bottom

SGY Back  
with Accessory Pointers

The **SERIES SGY & SGZ** Gages have dual psi and bar (x100 kPa) scales with  $\pm 1.5\%$  full-scale accuracy. The Series SGZ and SGY gages are designed with 304 SS housings and the SGZ is designed with 316 SS wetted parts for excellent chemical compatibility or SGY brass wetted parts for compatible gases. These gages cover a wide variety of ranges in either bottom or back connection configurations. Series SGZ 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.

## FEATURES/BENEFITS

- Stainless steel housing and wetted parts to resist ambient corrosion for longer service life in harsh environments
- Higher accuracy gage for value-sensitive applications requiring more precise measurement and where vibration is a concern
- Optional sliding pointer clearly mark to make visible critical ranges and high and low points
- Liquid fillable gage with easy open breather plug provides smoother damped movement of pointer
- Back or bottom mounting and compact size provides for mounting with dimensional limitations

## ACCESSORIES

Model	Description
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

Use order code:	Description
NISTCAL-PG1	NIST traceable calibration certificate

## SPECIFICATIONS

**Service:** Compatible gases and liquids.  
**Wetted Materials:** SGZ: 316 L SS  
 Tube, 316 SS connector; SGY: Brass  
 connection, bronze tube.  
**Housing:** 304 SS.  
**Lens:** Polycarbonate.  
**Accuracy:**  $\pm 1.5\%$  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 (141 g) bottom, 5.8 oz (164 g) back. Add 3.7 oz (104 g) for glycerin fill.

## APPLICATIONS

- Vacuums in pneumatic conveying lines
- Positive pressure in compressed air headers
- Corrosive ambient environments

## MODEL CHART

Model	Range	Model	Range
SGZ-D10122N	30" Hg to 0	SGY-D10122N	30" Hg to 0
SGZ-D10322N	0 to 30 psi	SGY-D10322N	0 to 30 psi
SGZ-D10422N	0 to 60 psi	SGY-D10422N	0 to 60 psi
SGZ-D10522N	0 to 100 psi	SGY-D10522N	0 to 100 psi
SGZ-D10622N	0 to 160 psi	SGY-D10622N	0 to 160 psi
SGZ-D10722N	0 to 200 psi	SGY-D10722N	0 to 200 psi
SGZ-D11022N	0 to 300 psi	SGY-D11022N	0 to 300 psi
SGZ-D11122N	0 to 500 psi	SGY-D11122N	0 to 500 psi
SGZ-D11222N	0 to 1000 psi	SGY-D11222N	0 to 1000 psi

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