

# 4" STAINLESS STEEL SCHAEFFER GAGE

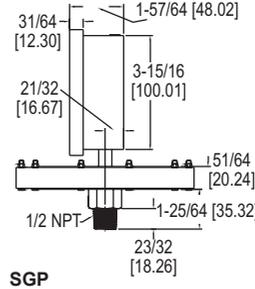
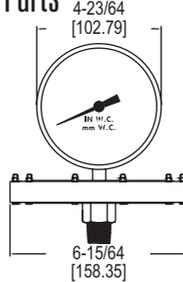
1.6% Full-Scale Accuracy, 316, 316L SS & PTFE Wetted Parts



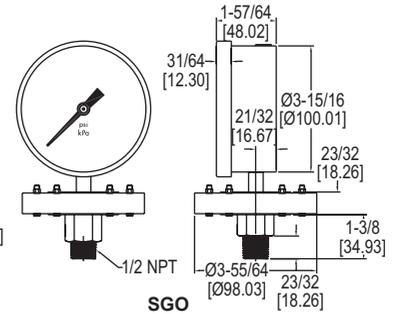
SGP



SGO



SGP



SGO

The **SERIES SGP & SGO** Gages have dual English/metric scales with  $\pm 1.6\%$  full scale accuracy. The Series SGP gages are designed with 304 SS housings, a 316L SS chamber and a 316 SS diaphragm for excellent chemical compatibility. The SGO has a PTFE protected steel diaphragm. Units can withstand ambient temperatures up to 149°F (65°C) and process temperatures up to 248°F (120°C). Ranges are available from full vacuum, compound and pressures to 235 in w.c. are available. Micrometer adjustable pointer allows for re-zeroing gage in field.

### FEATURES/BENEFITS

- Stainless steel housing and wetted parts resist ambient corrosion for longer service life in harsh environments
- Wetted parts permit use in chemical applications
- High accuracy gage for applications requiring more precise measurement
- Models that support vacuum to higher pressure ranges provide a selection to meet specific applications
- Specified with high ambient and process temperature ratings mean more robust uses and longer service-life

### APPLICATIONS

- Chemical
- Refinery
- Fertilizer
- Petrochemical
- Power
- Pharmaceutical
- Pulp and paper
- Cement

### SPECIFICATIONS

**Service:** Compatible gases and liquids.  
**Wetted Materials:** 316L SS chamber with SGP: 316 SS diaphragm; SGO: PTFE diaphragm.  
**Housing:** 304 SS.  
**Lens:** Glass.  
**Accuracy:**  $\pm 1.6\%$  FS.  
**Pressure Limit:** 130% FS.

**Temperature Limit:** Ambient: -13 to 149°F (-25 to 65°C); Process: 248°F (120°C).  
**Size:** 4" (100 mm).  
**Process Connection:** 1/2" male NPT.  
**Enclosure Rating:** NEMA 3 (IP54).  
**Weight:** 3.1 lb (1.4 kg).

### OPTION

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

### MODEL CHART

Model	Range	Model	Range
SGP-F8024N	0 to 10 in w.c. (0 to 250 mm)	SGO-F0124N	30" Hg-0 (-100 to 0 kPa)
SGP-F8124N	0 to 15 in w.c. (0 to 400 mm)	SGO-F0224N	0 to 15 psi (0 to 100 kPa)
SGP-F8224N	0 to 25 in w.c. (0 to 600 mm)	SGO-F0324N	0 to 30 psi (0 to 200 kPa)
SGP-F8324N	0 to 40 in w.c. (0 to 1000 mm)	SGO-F0424N	0 to 60 psi (0 to 400 kPa)
SGP-F8424N	0 to 60 in w.c. (0 to 1600 mm)	SGO-F0524N	0 to 100 psi (0 to 700 kPa)
SGP-F8524N	0 to 80 in w.c. (0 to 2000 mm)	SGO-F0724N	0 to 200 psi (0 to 1400 kPa)
SGP-F8624N	0 to 100 in w.c. (0 to 2500 mm)		

Single Pressure Gages, Dial