



Series
SG3A

Sanitary Pressure Gage

3-A Approved, All Stainless Steel Sanitary Connections



New Products

DIAL SIZE	A	B1	B2	C
2"	2-1/16 [52.39]	1-45/64 [43.26]	3-45/64 [94.06]	1-1/8 [28.58]
2.5"	2-45/64 [68.66]	1-29/32 [48.42]	4 [101.6]	1-1/8 [28.58]
3.5"	3-1/2 [88.9]	2 [50.8]	5 [127]	1-1/4 [31.75]
4"	4-13/32 [111.92]	2-7/64 [53.58]	6-13/64 [157.56]	1-61/64 [49.61]

2.5" with 1.5" Connection 2" with 3/4" Connection BOTTOM CONNECTION

The Series SG3A Sanitary Pressure Gage is made to 3-A sanitary standards and offers several size and pressure range options, which make it ideal for many sanitary applications particularly in the dairy, food processing, and pharmaceutical industries. The Series SG3A Sanitary Pressure Gage is available with 2", 2-1/2", 3-1/2", or 4" dials with an accuracy of 1.5% and 2% depending on range. The dials of the Series SG3A Sanitary Pressure Gage are available for vacuum, compound and positive pressure applications. The 3/4", 1-1/2", or 2" Tri-Clamp fittings of the Series SG3A create a sanitary process connection and can be mounted on either the back or bottom of the dial. The Series SG3A can also be ordered with food grade Glycerin in the dial to reduce inaccuracies caused by vibration to the dial indicator.

SPECIFICATIONS

- Service:** Compatible gasses and liquids.
- Wetted Materials:** 316L stainless steel.
- Case and Ring:** 300 series polished stainless steel.
- Lens:** Laminated safety glass (4"), Polycarbonate (2.5" and 3.5"), Glass (2").
- Dial:** Aluminum, black figures on white background.
- Fill:** USP Glycerin (optional).
- Accuracy:** Standard Seal 1.5% for ranges 100 psi and above. 2% for compound ranges and below 100 psi.
- Pressure Limits:** Working pressure should not exceed 75% of the range. If pulsation occurs, working pressure should not exceed 65% of range.
- Temperature Limits:** 25 to 300°F (-3.9 to 148.9°C), process temperature; for the 3/4" connection: 40 to 120°F (4.4 to 48.9°C).
- Connection Location:** Bottom connection; Back connection (optional).
- Connection:** 3/4", 1-1/2", or 2" sanitary connections.
- Dial Size:** 2", 2.5", 3.5", and 4".
- Weights:** 0.75 lb (.34 kg) to 2.0 lb (.91 kg) dry depending on size. Add 0.25 lb (.11 kg) for glycerin fill.
- Agency Approvals:** 3-A Symbol Authorization.

2" Dial with 3/4" Bottom Connection	
Model	Range
SG3A-B0624S	0/160 psi
SG3A-B0724S	0/200 psi
SG3A-B0824S	0/300 psi

4" Dial with 1.5" Bottom Connection	
Model	Range
SG3A-L0421S	0/60 psi
SG3A-L0521S	0/100 psi
SG3A-L0621S	0/160 psi
SG3A-L0721S	0/200 psi
SG3A-L0821S	0/300 psi
SG3A-L2321S	30" Hg/0/60 psi
SG3A-L2421S	30" Hg/0/100 psi
SG3A-L2521S	30" Hg/0/160 psi
SG3A-L2621S	30" Hg/0/200 psi

2.5" Dial with 1.5" Bottom Connection	
Model	Range
SG3A-D0121S	30" Hg/0
SG3A-D0221S	0/15 psi
SG3A-D0321S	0/30 psi
SG3A-D0421S	0/60 psi
SG3A-D0521S	0/100 psi
SG3A-D0621S	0/160 psi
SG3A-D0721S	0/200 psi
SG3A-D0821S	0/300 psi
SG3A-D2121S	30" Hg/0/15 psi
SG3A-D2221S	30" Hg/0/30 psi
SG3A-D2321S	30" Hg/0/60 psi
SG3A-D2421S	30" Hg/0/100 psi
SG3A-D2521S	30" Hg/0/160 psi
SG3A-D2621S	30" Hg/0/200 psi

3.5" Dial with 1.5" Bottom Connection	
Model	Range
SG3A-E0121S	30" Hg/0
SG3A-E0221S	0/15 psi
SG3A-E0321S	0/30 psi
SG3A-E0421S	0/60 psi
SG3A-E0521S	0/100 psi
SG3A-E0621S	0/160 psi
SG3A-E0721S	0/200 psi
SG3A-E0821S	0/300 psi
SG3A-E2121S	30" Hg/0/15 psi
SG3A-E2221S	30" Hg/0/30 psi
SG3A-E2321S	30" Hg/0/60 psi
SG3A-E2421S	30" Hg/0/100 psi
SG3A-E2521S	30" Hg/0/160 psi
SG3A-E2621S	30" Hg/0/200 psi