

## Pressure Gauges

Brass and Type 316 Stainless Steel pressure gauges are available in dial diameters of both 2" and 2 1/2". All gauges are of the bourdon tube type except gauges having a 10 psig range or less which have a phosphor bronze diaphragm sensing element.

Brass gauges have an accuracy of  $\pm 3-2-3\%$  of full scale (the accuracy of the first and last 90° of dial arc is  $\pm 3\%$  and that of the center 90° of dial arc is  $\pm 2\%$ ). Accuracy of stainless steel gauges is  $\pm 1\%$  of full scale. All gauges are cleaned for Oxygen service and have bottom mount, 1/4" NPT male or 1/4" welded female VCR® connections. Gauges listed in Table I & II have single psig scales. Gauges are available with dual (psi/bar) scales and in other pressure ranges.

**Table I, 2 inch Dial Gauges**

Pressure Range (psig)	Brass 1/4" NPT Male Connection		Type 316 Stn. Stl. 1/4" NPT Male Connection	
	Part No.	Pressure Increments (psi)	Part No.	Pressure Increments (psi)
*	SG6380	1	SG6361**	1
0-30	SG6382	1	—	—
0-60	SG6383	2	SG6362**	1
0-100	SG6384	2	SG6363**	1
0-200	SG6385	5	SG6364**	5
0-400	SG6386	10	SG6365**	5
0-600	SG6387	10	SG6366**	10
0-1000	SG6388	20	SG6367**	10
0-2000	SG6389	100	SG6368	25
0-3000	SG6390	100	SG6369	50
0-4000	SG6391	100	SG6370**	50
0-5000	SG6392	100	SG6371	100

**Table II, 2 1/2 inch Dial Gauges**

Pressure Range (psig)	Brass 1/4" NPT Male Connection		Type 316 Stn. Stl. 1/4" NPT Male Connection	
	Part No.	Pressure Increments (psi)	Part No.	Pressure Increments (psi)
0-35 in H <sub>2</sub> O	SG6300	1 in.	—	—
0-32 oz.	SG6312	1 oz.	—	—
0-5	SG6314	1 oz.	—	—
0-10	SG6313	0.2	—	—
0-15	—	—	SG6337	0.25
*	SG6310	1	SG6336	1
0-30	SG6301	1	SG6338	0.5
0-60	SG6302	2	SG6339	1
0-100	SG6303	2	SG6340	1
0-200	SG6304	5	SG6341	2
0-300	—	—	SG6342	5
0-400	SG6305	10	SG6347	5
0-600	—	—	SG6343	10
0-1000	SG6306	20	SG6344	10
0-3000	—	—	SG6345	50
0-4000	SG6309	100	SG6346	50
0-7500	SG6311	100	SG6348	100
0-10000	—	—	SG6349	100

\* This is a compound gauge with a range of 30" Hg vacuum to 0 to 30 psig.

\*\* Available also with Female VCR connection. When ordering add "FVCR" to the part number. Example: SG6361FVCR.

Note: Many gauges listed in Tables I and II above are available with dual (psi/bar) scales. Contact your Advanced Representative for more information.



Pressure Gauge with Female VCR® Connection



Pressure Gauge with Male Pipe Threads



Dual Scale Pressure Gauge (psi/bar)

### Materials of Construction

#### Brass Gauges:

Models SG6300, SG6312 & SG6314:

Case: Steel, black finish

Dial: Painted steel

Window: Acrylic, screw in

Diaphragm: Phosphor bronze

Socket: Brass

#### All Other Brass Models:

Case: Drawn Polished Brass

Dial: Painted Steel

Window: One Piece Polycarbonate

Bourdon Tube:

30, 60, 400 and 600 psi ranges:

Admiralty Brass

All Others: Phosphor bronze

Socket: Brass

#### Stainless Steel Gauges:

Case: Type 304 Stainless Steel

Dial: Painted aluminum

Window: One Piece Polycarbonate

Bourdon Tube: Type 316 Stainless Steel

Socket: Type 316 Stainless Steel