

PSS SERIES ALL STAINLESS STEEL LIQUID FILLED PRESSURE GAUGE

Description & Features:

- All stainless steel pressure gauge with glycerin filling to prevent pointer flutter & damage caused by vibration.
- Suitable for applications where vibration is present and glycerin filling is required to dampen the movement and pointer to prevent possible damage to the movement & minimize pointer flutter for better readability.
- Available dry (no glycerin) or glycerin filled.
- Other options available upon request.
- Lens: Polycarbonate (PC) standard. Laminated safety glass available.
- 7-year warranty*



Specifications:

- Dial Sizes: 2.5" and 4" dial sizes standard, other sizes available upon request.
- Dial Material: Aluminum with black markings (single scale) or black and red markings (dual scale).
- Case: 304 Stainless Steel standard. Optional 316 Stainless Steel case and ring available.
- Tube and Socket: All 316L Stainless Steel bourdon tube and socket.
- Lens: Polycarbonate (PC). Laminated safety glass available upon request.
- Connection Size: 1/4" NPT standard on 2.5" dial sizes, 1/2" NPT available on all 4" and larger dial sizes. BSP, BSPT and other optional threads available.
- Enclosure Rating: IP66/NEMA 4X.
- Accuracy: +/-1.6% FSA for 2.5" dial, +/-1% FSA for 4" and larger dial sizes.
- Recommended Maximum Operating Pressure: 60% of full-scale range.
- Operating Process Temperature: -4/150F, -20/65 C.
- Ambient Temperature: -4/150 F, -20/65 C when filled, -40/250 F, -40/120 C when dry.
- Ranges: Available in single scale or dual scales as required. Other ranges available upon request.
- Customization: Available upon request.

*Refer to Merit Instruments warranty page for full warranty details.

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2.5" Bottom Connection: P = Pressure Gauge S = 316 SS internals S = Glycerine filled A = 2.5" dial 2 = 1/4" NPT 100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum	PSSA2100	Vacuum/Bar	PSSA2200	Vacuum/kPa	PSSA2300
	0-15	PSSA2101	0-15 psi/Bar	PSSA2201	0-15 psi/kPa	PSSA2301
	0-30	PSSA2102	0-30 psi/Bar	PSSA2202	0-30 psi/kPa	PSSA2302
	0-60	PSSA2103	0-60 psi/Bar	PSSA2203	0-60 psi/kPa	PSSA2303
	0-100	PSSA2104	0-100 psi/Bar	PSSA2204	0-100 psi/kPa	PSSA2304
	0-160	PSSA2105	0-160 psi/Bar	PSSA2205	0-160 psi/kPa	PSSA2305
	0-200	PSSA2106	0-200 psi/Bar	PSSA2206	0-200 psi/kPa	PSSA2306
	0-300	PSSA2107	0-300 psi/Bar	PSSA2207	0-300 psi/kPa	PSSA2307
	0-600	PSSA2108	0-600 psi/Bar	PSSA2208	0-600 psi/kPa	PSSA2308
	0-1000	PSSA2109	0-1000 psi/Bar	PSSA2209	0-1000 psi/kPa	PSSA2309
	0-1500	PSSA2110	0-1500 psi/Bar	PSSA2210	0-1500 psi/kPa	PSSA2310
	0-2000	PSSA2111	0-2000 psi/Bar	PSSA2211	0-2000 psi/kPa	PSSA2311
	0-3000	PSSA2112	0-3000 psi/Bar	PSSA2212	0-3000 psi/kPa	PSSA2312
	0-5000	PSSA2113	0-5000 psi/Bar	PSSA2213	0-5000 psi/kPa	PSSA2313
	0-10000	PSSA2114	0-10000 psi/Bar	PSSA2214	0-10000 psi/kPa	PSSA2314

2.5" Back Connection: P = Pressure Gauge S = 316 SS internals S = Glycerin filled B = Back connection A = 2.5" dial 2 = 1/4" NPT 100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum	PSSBA2500	Vacuum/Bar	PSSBA2600	Vacuum/kPa	PSSBA2700
	0-15	PSSBA2501	0-15 psi/Bar	PSSBA2601	0-15 psi/kPa	PSSBA2701
	0-30	PSSBA2502	0-30 psi/Bar	PSSBA2602	0-30 psi/kPa	PSSBA2702
	0-60	PSSBA2503	0-60 psi/Bar	PSSBA2603	0-60 psi/kPa	PSSBA2703
	0-100	PSSBA2504	0-100 psi/Bar	PSSBA2604	0-100 psi/kPa	PSSBA2704
	0-160	PSSBA2505	0-160 psi/Bar	PSSBA2605	0-160 psi/kPa	PSSBA2705
	0-200	PSSBA2506	0-200 psi/Bar	PSSBA2606	0-200 psi/kPa	PSSBA2706
	0-300	PSSBA2507	0-300 psi/Bar	PSSBA2607	0-300 psi/kPa	PSSBA2707
	0-600	PSSBA2508	0-600 psi/Bar	PSSBA2608	0-600 psi/kPa	PSSBA2708
	0-1000	PSSBA2509	0-1000 psi/Bar	PSSBA2609	0-1000 psi/kPa	PSSBA2709
	0-1500	PSSBA2510	0-1500 psi/Bar	PSSBA2610	0-1500 psi/kPa	PSSBA2710
	0-2000	PSSBA2511	0-2000 psi/Bar	PSSBA2611	0-2000 psi/kPa	PSSBA2711
	0-3000	PSSBA2512	0-3000 psi/Bar	PSSBA2612	0-3000 psi/kPa	PSSBA2712
	0-5000	PSSBA2513	0-5000 psi/Bar	PSSBA2613	0-5000 psi/kPa	PSSBA2713
	0-10000	PSSBA2514	0-10000 psi/Bar	PSSBA2614	0-10000 psi/kPa	PSSBA2714

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4" with 1/4" NPT Bottom Connection: P = Pressure Gauge S = 316 SS internals S = Glycerine filled B = 4" dial 2 = 1/4" NPT 100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum	PSSB2100	Vacuum/Bar	PSSB2200	Vacuum/kPa	PSSB2300
	0-15	PSSB2101	0-15 psi/Bar	PSSB2201	0-15 psi/kPa	PSSB2301
	0-30	PSSB2102	0-30 psi/Bar	PSSB2202	0-30 psi/kPa	PSSB2302
	0-60	PSSB2103	0-60 psi/Bar	PSSB2203	0-60 psi/kPa	PSSB2303
	0-100	PSSB2104	0-100 psi/Bar	PSSB2204	0-100 psi/kPa	PSSB2304
	0-160	PSSB2105	0-160 psi/Bar	PSSB2205	0-160 psi/kPa	PSSB2305
	0-200	PSSB2106	0-200 psi/Bar	PSSB2206	0-200 psi/kPa	PSSB2306
	0-300	PSSB2107	0-300 psi/Bar	PSSB2207	0-300 psi/kPa	PSSB2307
	0-600	PSSB2108	0-600 psi/Bar	PSSB2208	0-600 psi/kPa	PSSB2308
	0-1000	PSSB2109	0-1000 psi/Bar	PSSB2209	0-1000 psi/kPa	PSSB2309

4" with 1/2" NPT Bottom Connection: P = Pressure Gauge S = 316 SS internals S = Glycerine filled B = 4" dial 3 = 1/2" NPT 100 Codes = psi only 200 Codes = psi/Bar 300 Codes = psi/kPa	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum	PSSB3100	Vacuum/Bar	PSSB3200	Vacuum/kPa	PSSB3300
	0-15	PSSB3101	0-15 psi/Bar	PSSB3201	0-15 psi/kPa	PSSB3301
	0-30	PSSB3102	0-30 psi/Bar	PSSB3202	0-30 psi/kPa	PSSB3302
	0-60	PSSB3103	0-60 psi/Bar	PSSB3203	0-60 psi/kPa	PSSB3303
	0-100	PSSB3104	0-100 psi/Bar	PSSB3204	0-100 psi/kPa	PSSB3304
	0-160	PSSB3105	0-160 psi/Bar	PSSB3205	0-160 psi/kPa	PSSB3305
	0-200	PSSB3106	0-200 psi/Bar	PSSB3206	0-200 psi/kPa	PSSB3306
	0-300	PSSB3107	0-300 psi/Bar	PSSB3207	0-300 psi/kPa	PSSB3307
	0-600	PSSB3108	0-600 psi/Bar	PSSB3208	0-600 psi/kPa	PSSB3308
	0-1000	PSSB3109	0-1000 psi/Bar	PSSB3209	0-1000 psi/kPa	PSSB3309
	0-1500	PSSB3110	0-1500 psi/Bar	PSSB3210	0-1500 psi/kPa	PSSB3310
	0-2000	PSSB3111	0-2000 psi/Bar	PSSB3211	0-2000 psi/kPa	PSSB3311
	0-3000	PSSB3112	0-3000 psi/Bar	PSSB3212	0-3000 psi/kPa	PSSB3312
	0-5000	PSSB3113	0-5000 psi/Bar	PSSB3213	0-5000 psi/kPa	PSSB3313
	0-10000	PSSB3114	0-10000 psi/Bar	PSSB3214	0-10000 psi/kPa	PSSB3314
	0-15000	PSSB3115	0-15000 psi/Bar	PSSB3215	0-15000 psi/kPa	PSSB3315
0-20000	PSSB3116	0-20000 psi/Bar	PSSB3216	0-20000 psi/kPa	PSSB3316	