

PSX SERIES ALL STAINLESS STEEL SHOCK-XTM™ VIBRATION FREE PRESSURE GAUGE

Description & Features:

- All stainless steel vibration free design - with NO GLYCERIN filling required!
- Suitable for applications where vibration is present and an all SS gauge is required, but liquid filling is unsuitable.
- No fill Shock-XTM movement prevents pointer flutter & movement gear damage in applications with vibration.
- 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: -40/250 F, -40/120 C.
- 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" SS 1/4" NPT Bottom Shock-X movement P = Pressure Gauge S = 316 Stainless Steel X = Shock-X Movement 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	PSXA2100	Vacuum/Bar	PSXA2200	Vacuum	PSXA2300
	0-15	PSXA2101	0-15 psi/Bar	PSXA2201	0-15 psi/kPa	PSXA2301
	0-30	PSXA2102	0-30 psi/Bar	PSXA2202	0-30 psi/kPa	PSXA2302
	0-60	PSXA2103	0-60 psi/Bar	PSXA2203	0-60 psi/kPa	PSXA2303
	0-100	PSXA2104	0-100 psi/Bar	PSXA2204	0-100 psi/kPa	PSXA2304
	0-160	PSXA2105	0-160 psi/Bar	PSXA2205	0-160 psi/kPa	PSXA2305
	0-200	PSXA2106	0-200 psi/Bar	PSXA2206	0-200 psi/kPa	PSXA2306
	0-300	PSXA2107	0-300 psi/Bar	PSXA2207	0-300 psi/kPa	PSXA2307
	0-600	PSXA2108	0-600 psi/Bar	PSXA2208	0-600 psi/kPa	PSXA2308
	0-1000	PSXA2109	0-1000 psi/Bar	PSXA2209	0-1000 psi/kPa	PSXA2309
	0-1500	PSXA2110	0-1500 psi/Bar	PSXA2210	0-1500 psi/kPa	PSXA2310
	0-2000	PSXA2111	0-2000 psi/Bar	PSXA2211	0-2000 psi/kPa	PSXA2311
	0-3000	PSXA2112	0-3000 psi/Bar	PSXA2212	0-3000 psi/kPa	PSXA2312
	0-5000	PSXA2113	0-5000 psi/Bar	PSXA2213	0-5000 psi/kPa	PSXA2313
0-10000	PSXA2114	0-10000 psi/Bar	PSXA2214	0-10000 psi/kPa	PSXA2314	

2.5" SS 1/4" NPT Back Shock-X movement P = Pressure Gauge S = 316 Stainless Steel X = Shock-X Movement B = Back Connection A = 2.5" Dial 2 = 1/4" NPT 500 Codes = psi only back connection 600 Codes = psi/Bar back connection 700 Codes = psi/kPa back connection	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum	PSXBA2500	Vacuum/Bar	PSXBA2600	Vacuum	PSXBA2700
	0-15	PSXBA2501	0-15 psi/Bar	PSXBA2601	0-15 psi/kPa	PSXBA2701
	0-30	PSXBA2502	0-30 psi/Bar	PSXBA2602	0-30 psi/kPa	PSXBA2702
	0-60	PSXBA2503	0-60 psi/Bar	PSXBA2603	0-60 psi/kPa	PSXBA2703
	0-100	PSXBA2504	0-100 psi/Bar	PSXBA2604	0-100 psi/kPa	PSXBA2704
	0-160	PSXBA2505	0-160 psi/Bar	PSXBA2605	0-160 psi/kPa	PSXBA2705
	0-200	PSXBA2506	0-200 psi/Bar	PSXBA2606	0-200 psi/kPa	PSXBA2706
	0-300	PSXBA2507	0-300 psi/Bar	PSXBA2607	0-300 psi/kPa	PSXBA2707
	0-600	PSXBA2508	0-600 psi/Bar	PSXBA2608	0-600 psi/kPa	PSXBA2708
	0-1000	PSXBA2509	0-1000 psi/Bar	PSXBA2609	0-1000 psi/kPa	PSXBA2709
	0-1500	PSXBA2510	0-1500 psi/Bar	PSXBA2610	0-1500 psi/kPa	PSXBA2710
	0-2000	PSXBA2511	0-2000 psi/Bar	PSXBA2611	0-2000 psi/kPa	PSXBA2711
	0-3000	PSXBA2512	0-3000 psi/Bar	PSXBA2612	0-3000 psi/kPa	PSXBA2712
	0-5000	PSXBA2513	0-5000 psi/Bar	PSXBA2613	0-5000 psi/kPa	PSXBA2713
0-10000	PSXBA2514	0-10000 psi/Bar	PSXBA2614	0-10000 psi/kPa	PSXBA2714	

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4" Dial, SS internals, 1/4" NPT Bottom connection, Shock-X movement, Bayonet Ring P = Pressure Gauge S = 316 Stainless Steel X = Shock-X Movement 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	PSXB2100	Vacuum/Bar	PSXB2200	Vacuum	PSXB2300
	0-15	PSXB2101	0-15 psi/Bar	PSXB2201	0-15 psi/kPa	PSXB2301
	0-30	PSXB2102	0-30 psi/Bar	PSXB2202	0-30 psi/kPa	PSXB2302
	0-60	PSXB2103	0-60 psi/Bar	PSXB2203	0-60 psi/kPa	PSXB2303
	0-100	PSXB2104	0-100 psi/Bar	PSXB2204	0-100 psi/kPa	PSXB2304
	0-160	PSXB2105	0-160 psi/Bar	PSXB2205	0-160 psi/kPa	PSXB2305
	0-200	PSXB2106	0-200 psi/Bar	PSXB2206	0-200 psi/kPa	PSXB2306
	0-300	PSXB2107	0-300 psi/Bar	PSXB2207	0-300 psi/kPa	PSXB2307
	0-600	PSXB2108	0-600 psi/Bar	PSXB2208	0-600 psi/kPa	PSXB2308
0-1000	PSXB2109	0-1000 psi/Bar	PSXB2209	0-1000 psi/kPa	PSXB2309	

Ditto except 1/2" NPT Bottom connection P = Pressure Gauge S = 316 Stainless Steel X = Shock-X Movement 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	PSXB3100	Vacuum/Bar	PSXB3200	Vacuum	PSXB3300
	0-15	PSXB3101	0-15 psi/Bar	PSXB3201	0-15 psi/kPa	PSXB3301
	0-30	PSXB3102	0-30 psi/Bar	PSXB3202	0-30 psi/kPa	PSXB3302
	0-60	PSXB3103	0-60 psi/Bar	PSXB3203	0-60 psi/kPa	PSXB3303
	0-100	PSXB3104	0-100 psi/Bar	PSXB3204	0-100 psi/kPa	PSXB3304
	0-160	PSXB3105	0-160 psi/Bar	PSXB3205	0-160 psi/kPa	PSXB3305
	0-200	PSXB3106	0-200 psi/Bar	PSXB3206	0-200 psi/kPa	PSXB3306
	0-300	PSXB3107	0-300 psi/Bar	PSXB3207	0-300 psi/kPa	PSXB3307
	0-600	PSXB3108	0-600 psi/Bar	PSXB3208	0-600 psi/kPa	PSXB3308
	0-1000	PSXB3109	0-1000 psi/Bar	PSXB3209	0-1000 psi/kPa	PSXB3309
	0-1500	PSXB3110	0-1500 psi/Bar	PSXB3210	0-1500 psi/kPa	PSXB3310
	0-2000	PSXB3111	0-2000 psi/Bar	PSXB3211	0-2000 psi/kPa	PSXB3311
	0-3000	PSXB3112	0-3000 psi/Bar	PSXB3212	0-3000 psi/kPa	PSXB3312
	0-5000	PSXB3113	0-5000 psi/Bar	PSXB3213	0-5000 psi/kPa	PSXB3313
	0-10000	PSXB3114	0-10000 psi/Bar	PSXB3214	0-10000 psi/kPa	PSXB3314
	0-15000	PSXB3115	0-15000 psi/Bar	PSXB3215	0-15000 psi/kPa	PSXB3315
0-20000	PSXB3116	0-20000 psi/Bar	PSXB3216	0-20000 psi/kPa	PSXB3316	