

PBX SERIES SHOCK-X™ VIBRATION FREE PRESSURE GAUGE

Description & Features:

- Vibration-free movement - with NO GLYCERIN filling required!
- Suitable for applications where vibration is present and using a liquid filled gauge is not recommended.
- No fill Shock-X™ 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: Brass bourdon tube and socket.
- Lens: Polycarbonate (PC). Laminated safety glass available upon request.
- Connection Size: 1/2" NPT available on all 4" and larger dial sizes" to "1/2" NPT available on 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 noted below.
- Customization: Available upon request.

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



PBX SERIES SHOCK-X™ VIBRATION FREE PRESSURE GAUGE

2.5" Brass 1/4" NPT Bottom Shock-X movement P = Pressure Gauge B = Brass Internals X = Shock-X Movement A = 2.5" Dial 2 = 1/4" NPT bottom 100 Codes - psi only 200 Codes - psi/Bar 300 Codes - psi/kPa	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
	Vacuum	PBXA2100	Vacuum/Bar	PBXA2200	Vacuum	PBXA2300
	0-15	PBXA2101	0-15 psi/Bar	PBXA2201	0-15 psi/kPa	PBXA2301
	0-30	PBXA2102	0-30 psi/Bar	PBXA2202	0-30 psi/kPa	PBXA2302
	0-60	PBXA2103	0-60 psi/Bar	PBXA2203	0-60 psi/kPa	PBXA2303
	0-100	PBXA2104	0-100 psi/Bar	PBXA2204	0-100 psi/kPa	PBXA2304
	0-160	PBXA2105	0-160 psi/Bar	PBXA2205	0-160 psi/kPa	PBXA2305
	0-200	PBXA2106	0-200 psi/Bar	PBXA2206	0-200 psi/kPa	PBXA2306
	0-300	PBXA2107	0-300 psi/Bar	PBXA2207	0-300 psi/kPa	PBXA2307
	0-600	PBXA2108	0-600 psi/Bar	PBXA2208	0-600 psi/kPa	PBXA2308
	0-1000	PBXA2109	0-1000 psi/Bar	PBXA2209	0-1000 psi/kPa	PBXA2309
	0-1500	PBXA2110	0-1500 psi/Bar	PBXA2210	0-1500 psi/kPa	PBXA2310
	0-2000	PBXA2111	0-2000 psi/Bar	PBXA2211	0-2000 psi/kPa	PBXA2311
	0-3000	PBXA2112	0-3000 psi/Bar	PBXA2212	0-3000 psi/kPa	PBXA2312
	0-5000	PBXA2113	0-5000 psi/Bar	PBXA2213	0-5000 psi/kPa	PBXA2313
0-10000	PBXA2114	0-10000 psi/Bar	PBXA2214	0-10000 psi/kPa	PBXA2314	

2.5" Brass 1/4" NPT Back Shock-X movement P = Pressure Gauge B = Brass Internals 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	PBXBA2500	Vacuum/Bar	PBXA2600	Vacuum	PBXA2700
	0-15	PBXBA2501	0-15 psi/Bar	PBXA2601	0-15 psi/kPa	PBXA2701
	0-30	PBXBA2502	0-30 psi/Bar	PBXA2602	0-30 psi/kPa	PBXA2702
	0-60	PBXBA2503	0-60 psi/Bar	PBXA2603	0-60 psi/kPa	PBXA2703
	0-100	PBXBA2504	0-100 psi/Bar	PBXA2604	0-100 psi/kPa	PBXA2704
	0-160	PBXBA2505	0-160 psi/Bar	PBXA2605	0-160 psi/kPa	PBXA2705
	0-200	PBXBA2506	0-200 psi/Bar	PBXA2606	0-200 psi/kPa	PBXA2706
	0-300	PBXBA2507	0-300 psi/Bar	PBXA2607	0-300 psi/kPa	PBXA2707
	0-600	PBXBA2508	0-600 psi/Bar	PBXA2608	0-600 psi/kPa	PBXA2708
	0-1000	PBXBA2509	0-1000 psi/Bar	PBXA2609	0-1000 psi/kPa	PBXA2709
	0-1500	PBXBA2510	0-1500 psi/Bar	PBXA2610	0-1500 psi/kPa	PBXA2710
	0-2000	PBXBA2511	0-2000 psi/Bar	PBXA2611	0-2000 psi/kPa	PBXA2711
	0-3000	PBXBA2512	0-3000 psi/Bar	PBXA2612	0-3000 psi/kPa	PBXA2712
	0-5000	PBXBA2513	0-5000 psi/Bar	PBXA2613	0-5000 psi/kPa	PBXA2713
0-10000	PBXBA2514	0-10000 psi/Bar	PBXA2614	0-10000 psi/kPa	PBXA2714	

PBX SERIES SHOCK-X™ VIBRATION FREE PRESSURE GAUGE

4" Brass 1/4" NPT Bottom Shock-X movement P = Pressure Gauge B = Brass Internals 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	PBXB2100	Vacuum/Bar	PBXB2200	Vacuum	PBXB2300
	0-15	PBXB2101	0-15 psi/Bar	PBXB2201	0-15 psi/kPa	PBXB2301
	0-30	PBXB2102	0-30 psi/Bar	PBXB2202	0-30 psi/kPa	PBXB2302
	0-60	PBXB2103	0-60 psi/Bar	PBXB2203	0-60 psi/kPa	PBXB2303
	0-100	PBXB2104	0-100 psi/Bar	PBXB2204	0-100 psi/kPa	PBXB2304
	0-160	PBXB2105	0-160 psi/Bar	PBXB2205	0-160 psi/kPa	PBXB2305
	0-200	PBXB2106	0-200 psi/Bar	PBXB2206	0-200 psi/kPa	PBXB2306
	0-300	PBXB2107	0-300 psi/Bar	PBXB2207	0-300 psi/kPa	PBXB2307
	0-600	PBXB2108	0-600 psi/Bar	PBXB2208	0-600 psi/kPa	PBXB2308

Ditto above except 1/2" NPT Bottom Shock-X movement P = Pressure Gauge B = Brass Internals 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
	0-1000	PBXB3109	0-1000 psi/Bar	PBXB3209	0-1000 psi/kPa	PBXB3309
	0-1500	PBXB3110	0-1500 psi/Bar	PBXB3210	0-1500 psi/kPa	PBXB3310
	0-2000	PBXB3111	0-2000 psi/Bar	PBXB3211	0-2000 psi/kPa	PBXB3311
	0-3000	PBXB3112	0-3000 psi/Bar	PBXB3212	0-3000 psi/kPa	PBXB3312
	0-5000	PBXB3113	0-5000 psi/Bar	PBXB3213	0-5000 psi/kPa	PBXB3313
	0-10000	PBXB3114	0-10000 psi/Bar	PBXB3214	0-10000 psi/kPa	PBXB3314

4" Brass 1/4" NPT Back Connection Shock-X movement P = Pressure Gauge B = Brass Internals X = Shock-X Movement B = 4" Dial B = Back Connection 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	PBXBB2500	Vacuum/Bar	PBXBB2600	Vacuum	PBXBB2700
	0-15	PBXBB2501	0-15 psi/Bar	PBXBB2601	0-15 psi/kPa	PBXBB2701
	0-30	PBXBB2502	0-30 psi/Bar	PBXBB2602	0-30 psi/kPa	PBXBB2702
	0-60	PBXBB2503	0-60 psi/Bar	PBXBB2603	0-60 psi/kPa	PBXBB2703
	0-100	PBXBB2504	0-100 psi/Bar	PBXBB2604	0-100 psi/kPa	PBXBB2704
	0-160	PBXBB2505	0-160 psi/Bar	PBXBB2605	0-160 psi/kPa	PBXBB2705
	0-200	PBXBB2506	0-200 psi/Bar	PBXBB2606	0-200 psi/kPa	PBXBB2706
	0-300	PBXBB2507	0-300 psi/Bar	PBXBB2607	0-300 psi/kPa	PBXBB2707
	0-600	PBXBB2508	0-600 psi/Bar	PBXBB2608	0-600 psi/kPa	PBXBB2708

PBX SERIES SHOCK-X™ VIBRATION FREE PRESSURE GAUGE

4" Brass 1/2" NPT Back Connection Shock-X movement	PSI Ranges	Code	PSI/Bar Ranges	Code	PSI/kPa Ranges	Code
P = Pressure Gauge B = Brass Internals X = Shock-X Movement B = 4" Dial B = Back Connection 3 = 1/2" NPT 500 Codes = psi only back connection 600 Codes = psi/Bar back connection 700 Codes = psi/kPa back connection	0-1000	PBXBB2509	0-1000 psi/Bar	PBXBB2609	0-1000 psi/kPa	PBXBB2709
	0-1500	PBXBB2510	0-1500 psi/Bar	PBXBB2610	0-1500 psi/kPa	PBXBB2710
	0-2000	PBXBB2511	0-2000 psi/Bar	PBXBB2611	0-2000 psi/kPa	PBXBB2711
	0-3000	PBXBB2512	0-3000 psi/Bar	PBXBB2612	0-3000 psi/kPa	PBXBB2712
	0-5000	PBXBB2513	0-5000 psi/Bar	PBXBB2613	0-5000 psi/kPa	PBXBB2713
	0-10000	PBXBB2514	0-10000 psi/Bar	PBXBB2614	0-10000 psi/kPa	PBXBB2714