

**General Service Gauge  
Type 1220, ASME B 40.1  
Grade 1A (±1% of span)**

- Available in 4½", 6" and 8½" dial sizes
- Solid-front style, black phenolic case with threaded ring
- Lower or back connect
- Flush mounted by using 1278 mounting-ring option

The Ashcroft® Type 1220 is a versatile general service gauge. The phenolic case resists many corrosive environments and is available in three dial sizes. Lower and back connections allow the gauge to be used for many installations.



The following Table is *not* for conversion purposes.

**STANDARD RANGES<sup>(3)</sup>**

Pressure psi	kg/cm <sup>2</sup> - bar	kPa
0/15	0/1	0/100
0/30		
0/60	0/1.6	0/160
0/100	0/2.5	0/250
0/160	0/4	0/400
0/200	0/6	0/600
0/300		
0/400	0/10	0/1000
0/600	0/16	0/1600
0/800		
0/1000	0/25	0/2500
0/1500	0/40	0/4000
0/2000	0/60	0/6000
0/3000		
0/4000	0/100	0/10,000
0/5000	0/160	0/16,000
0/6000	0/250	0/25,000
0/7500	0/400	0/40,000
0/10,000		
0/15,000	0/600	0/60,000
0/20,000	0/1000	0/100,000
<b>Vacuum</b>		
30 in./0 in.Hg	—/1/0	-100/0
<b>Compound</b>		
30 in.Hg/15 psi	-1/0/1.5	-100/0/150
30 in.Hg /30 psi	-1/0/3	-100/0/300
30 in.Hg /60 psi	-1/0/5	-100/0/500
30 in.Hg/100 psi	-1/0/9	-100/0/900
30 in.Hg /150 psi	-1/0/15	-100/0/1500
30 in.Hg/300 psi	-1/0/24	-100/0/2400

**BOURDON SYSTEM SELECTION**

Ordering Code Conn. <sup>(2)</sup>	Bourdon Tube & Tip Material <sup>(1)</sup> (all joints TIG welded except "A")	Socket Material	Tube	Range Selection Type	NPT Conn. <sup>(2)</sup>
A	Phosphor Bronze Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	¼
S	316 stainless steel	316 stainless steel	C-Tube	12/1500	¼
			Helical	2000/20,000	½
P <sup>(4)</sup>	K Monel	Monel 400	C-Tube	15/1500	¼
			Helical	2000/30,000	½

(1) For selection of the correct Bourdon system material, see the media application table on page 253.

(2) Optional connections available: ½ NPT where ¼ NPT is standard, ¼ NPT where ½ NPT is standard.

(3) Single-scale and dual-scale ranges available.

(4) 6" and 8½" dial not available with Monel system.

**TO ORDER THIS 1220 PRESSURE GAUGE:**

Select: \_\_\_\_\_ 45 \_\_\_\_\_ 1220 \_\_\_\_\_ A \_\_\_\_\_ 02L \_\_\_\_\_ XXX \_\_\_\_\_ 1000#

- Dial size—4½", 6" and 8½" \_\_\_\_\_
- Case type—1220 \_\_\_\_\_
- Tube and socket material \_\_\_\_\_
- Connection size—¼ (02), ½ (04) \_\_\_\_\_
- Connection location—Lower (L), Back (B) \_\_\_\_\_
- Optional features—see page 249 \_\_\_\_\_
- Standard pressure range—1000 psi \_\_\_\_\_