

**FEATURES**

- **PLUS!**™ Performance (optional) dampens vibration, shock and pulsation effects
- Dry and liquid filled versions



**SPECIFICATIONS**

Accuracy:	±1% of span (ASME B40.100 Grade 1A)
Process Connection Location:	Lower or lower back
Ranges:	A - Bronze: Vacuum, compound to 1,000 psi S - SS: Vacuum, compound to 20,000 psi P - Monel®: Vacuum, compound to 30,000 psi
Window Material:	Glass
Pointer:	Micrometer, adjustable
Weather Protection:	Dry Case: IP54 Liquid filled or hermetically sealed case: IP 65
Mounting Option:	U-clamp, front flange and back flange
Dampening:	<b>PLUS!</b> ™ Performance and liquid fill

**WETTED COMPONENTS**

Model	Bourdon Tube	Process Connection Material
1009A	Bronze	Brass
1009S	316L SS	316L SS
1009P	Monel®	Monel®

**NON-WETTED COMPONENTS**

Model	Case	Ring
1009	304 SS	304 SS, bayonet

**MIN/MAX TEMPERATURE LIMITS**

Version	Ambient	Process	Storage
Dry	-20°F to 200°F (-29°C to 93°C)	-20°F to 250°F (-29°C to 121°C)	-40°F to 250°F (-40°C to 121°C)
<b>PLUS!</b> ™	-40°F to 150°F (-40°C to 66°C)	-40°F to 200°F (-40°C to 93°C)	-40°F to 150°F (-40°C to 66°C)
Glycerin Fill	20°F to 150°F (-7°C to 66°C)	20°F to 150°F (-7°C to 66°C)	0°F to 150°F (-18°C to 66°C)
Silicone Fill	-40°F to 150°F (-40°C to 66°C)	-40°F to 200°F (-40°C to 93°C)	-40°F to 150°F (-40°C to 66°C)
Halocarbon® Fill	-40°F to 150°F (-40°C to 66°C)	-40°F to 200°F (-40°C to 93°C)	-40°F to 150°F (-40°C to 66°C)



**1009**  
4½" dial size



**1009**  
6" dial size



ORDERING CODE:	Example:	45	1009	A	L	02	L	XC4	100#
<b>Dial Size</b>									
45 - 4½" SS gauge		45							
60 - 6" SS gauge									
<b>Model Code</b>									
1009 - 304 SS case, open front			1009						
<b>System</b>									
A - Phosphor bronze tube/brass process connection, (1,000 psi max.)				A					
S - 316L SS tube/316L SS process connection, (20,000 psi max.)									
P - K-Monel <sup>®</sup> 500 tube, Monel <sup>®</sup> 400 process connection, (30,000 psi max.)									
<b>Case Fill</b>									
Blank - dry gauge									
L - Liquid filled case (glycerin standard)					L				
<b>Process Connection Size</b>									
02 - ¼ NPT Male, max pressure 20,000 psi						02			
04 - ½ NPT Male, max pressure 20,000 psi									
09 - ⅜"-18 UNF-2B Aminco <sup>®</sup> high pressure fitting, (standard for pressures over 20,000 psi)									
<b>Process Connection Location</b>									
L - Lower							L		
B - Lower back									
<b>Options (if choosing an option(s) must include an "X")</b>									
C4 - Individual calibration chart (in accordance with ASME B 40.100 Accuracy of unit traceable to NIST)								X	C4
LL - <b>PLUS!</b> <sup>™</sup> Performance									
GV - Silicone case fill									
GX - Halocarbon <sup>®</sup> case fill									
LJ - Hermetically sealed									
TS - Throttle screw (standard with hermetically sealed or liquid filled gauge)									
6B - Cleaned for oxygen service (SW system only)									
PD - Plastic window (standard with hermetically sealed or liquid filled gauge)									
SG - Safety glass									
EP - Maximum pointer, adjustable (not available with liquid fill)									
EO - Adjustable red set hand, (N/A with liquid fill)									
SH - Red set hand, stationary									
NH - SS tag wired to case									
FF - Front flange									
BF - Back flange									
UC - U-clamp									
SM - All SS movement									
<b>Range (see range table on page 34 for all standard ranges)</b>									
100# - 100 psi									100#

1038A, 1339A Standard Ranges Code - Single Scale			
	psi	bar	kPa
Compound	30IMV&15#		
		N1/1.5BR	N100/150KP
	30IMV&30#		
		N1/3BR	N100/300KP
	30IMV&60#		
		N1/5BR	N100/500KP
	30IMV&100#		
	N1/9BR	N100/900KP	
30IMV&150#			
	N1/15BR	N1C/1500KP*	
30IMV&300#			
	N1/24BR	N1C/2400KP*	
Positive Pressure	30#	-	-
	-	2.5BR	250KP
	60#	4BR	400KP
	-	6BR	600KP
	100#	-	-
	-	10BR	1000KP
	160#	-	-
	200#	-	-
	-	16BR	1600KP
	300#	-	-
	-	25BR	2500KP
	400#	-	-
	600#	40BR	4000KP
800#	-	-	
-	60BR	6000KP	
1000#	-	-	

\*C = 00

1495 Receiver Gauge Standard Ranges Code			
Input Signal Range PSI	Single Scale	Dual Scale	Inner / Outer
3-15#	0-100%		
3-15#	0-10sq rt		
3-15#		0-10 sq rt/0-100linear	

1490 Standard Ranges Code- Single Scale					
	psi	inH <sub>2</sub> O	oz/in <sup>2</sup>	kPa	cm H <sub>2</sub> O
Vacuum				N2.5KP	
		15IWV		N4KP	
		30IWV		N10KP	
		60IWV		N16KP	
				N25KP	
		100IWC		N40KP	
		200IWV		N100KP	
			15ZSIV		
			30ZSIV		
			60ZSIV		
Ccompound			100ZSIV		
		N30/30IW			
			N30/30ZSI		
		N10/10IW			
				N10/60CMW	
				N10/80CMW	
				N20/40CMW	
				N10/100CMW	
				N10/120CMW	
	Positive Pressure		10IW		2.5KP
		15IW			
				4KP	
					60CMW
		30IW			
				10KP	
		60IW			
				16KP	
		100IW			
				25KP	
		160IW			
				40KP	
		200IW			
		300IW		100KP	
				10ZSI	
			15ZSI		
			30ZSI		
			60ZSI		
			100ZSI		
			160ZSI		
			250ZSI		
	3#				
	5#				
	10#				
	15#				