

## Commercial Pressure Gauge Type 1005S, ASME B 40.1 Grade B ( $\pm 3-2-3\%$ of span)

- Case material is stainless steel
- These gauges have a heat-resistant push-in polycarbonate window
- Dial faces match other Ashcroft commercial gauges for easy readability
- Patented PowerFlex™ movement with polyester segment
- True Zero™ indication, a unique safety feature

Ashcroft® Type 1005S gauges are available in 1½" and 2" dial sizes. The full-view polycarbonate push-in window allows for better dial visibility. For added resistance to harsh environmental conditions, the 1005S dial material is aluminum.

Ashcroft Type 1005S gauges use the patented PowerFlex movement with polyester segment, which increases the ability to resist rough usage, thereby helping to lengthen the life of the gauge.

True Zero indication reduces the potential risk of installing a damaged gauge on your equipment.

FlutterGuard™ is available to eliminate pointer flutter and extend gauge life.



### GAUGE SPECIFICATIONS

<b>Type no.:</b>	1005S	<b>Connection:</b>	½ NPT lower, ½ NPT back ¼ NPT lower, ¼ NPT back (1½" back connection available in ½ NPT only)
<b>Accuracy:</b>	ASME B 40.1 Grade B ( $\pm 3-2-3\%$ of span)	<b>Ranges:</b>	Vac.-6000 psi and compound (1½" available in vac.-300 psi only)
<b>Size:</b>	1½", 2"	<b>Operating temperature:</b>	-40°F to 150°F
<b>Case:</b>	Stainless steel		
<b>Ring:</b>	None		
<b>Window:</b>	Polycarbonate push-in		
<b>Dial:</b>	Black figures on white background, aluminum		
<b>Pointer:</b>	Black, aluminum		
<b>Bourdon tube:</b>	"C" shaped bronze (Vac.-600 psi and compound) Helical bronze (1000-6000 psi)		
<b>Movement:</b>	Patented PowerFlex with polyester segment		
<b>Socket:</b>	Brass		
<b>Restrictor:</b>	0.013" orifice throttle plug in gauges 1000 psi and above		

### GAUGE OPTIONS

	Factory variation code in ( )
<b>Case:</b>	Vent hole (VH)
<b>Pointer:</b>	Adjustable (AP)
<b>Socket:</b>	Nickel plated brass (NP) Nonstandard length or thread Throttle plugs, 0.007", 0.013", 0.020", 0.063" orifices Teflon taped threads (TC)
<b>Others:</b>	Bulk packaging (ZO) Customized dials FlutterGuard (SF) Nonstandard ranges and special calibration on application Top or side connection: (O2D = right side) (O2E = left side) (O2T = top connection) Receiver ranges: 3/15 psi, 0/10 square root, 0/100% (PR) Clean for oxygen service

### TO ORDER THIS TYPE 1005S GAUGE:

<b>Select:</b>	20	W	1005	S	H	01L	X(AP)	100#
1. Dial Size: 2" _____								
2. Patented PowerFlex™ Movement _____								
3. Case Type Number: 1005 _____								
4. Case Material: Stainless Steel _____								
5. Socket: Brass _____								
6. Connection Size/Location: ½ NPT lower _____								
7. Option: Adjustable Pointer _____								
8. Range: 100 psi _____								

Consult factory for guidance in product selection  
Phone (203) 385-0217, Fax (203) 385-0602 or  
visit our web site at [www.ashcroft.com](http://www.ashcroft.com)