

- **±2.5% full scale accuracy**
- **Stainless steel case**
- **316 stainless steel wetted parts**
- **Inches of water differential ranges with 145 psi static pressure**
- **External zero adjust**
- **Available with open or solid front case styles**
- **Optional liquid-filled case**
- **4" (100mm) or 6" (160mm) dial sizes**

The Ashcroft® Type 5509 differential pressure gauge comes standard with 316SS wetted parts. This rugged gauge features an external zero adjust feature standard.



**PRODUCT SPECIFICATIONS**

**GENERAL DIFFERENTIAL PRESSURE MEASUREMENT SPECIFICATIONS**

**Accuracy**  
±2.5% full scale

**Dial Size**  
4" (100mm) or 6" (160mm)

**Case and Ring**  
304 stainless steel open front case with a bayonet ring (solid front optional)

**Dial**  
White painted aluminum with black markings

**Pointer**  
Black painted aluminum with external adjust feature standard (to 25% of range)

**Window**  
Shatterproof glass

**Diaphragm Material**  
316 stainless steel for ranges 15 psi and above. High strength cobalt alloy (Duratherm 600) for ranges below 15 psi

**Housing Material**  
316 stainless steel with a Viton O-ring

**Socket Location**  
¼ NPTF or ½ NPTF lower (female)

**Range**  
0-10 IWD (inches of water differential) to 400 psid

**Static Pressure**  
From 10 IWD to 3 psi – static pressure 145 psi  
5 psi and above – static pressure 360 psi

**Options**

**Code**

Glycerin fill ..... (L)  
Silicone fill ..... (XGV)  
Weatherproof/Hermetically sealed case ..... (H)  
Wall mounting bracket ..... (XFW)  
Pipe mounting bracket ..... (XTM)  
3-way manifold<sup>(1)</sup> ..... (X43)  
Electric warning contacts<sup>(1)</sup> ... (X91)

<sup>(1)</sup> Specify contact arrangement. Specify if magnetic or inductive contacts.  
Viton® is a registered trademark of DuPont Co.

**STANDARD RANGES\***

psid	mBar	bar	I.W.D.
3	40	0.6	10
5	60	1.0	30
10	100	1.6	60
15	160	2.5	100
30	250	4	200
60	400	6	
100		10	
160		16	
200		25	
300			
400			

\*Other ranges on application

**TO ORDER THIS MODEL 5509 DIFFERENTIAL PRESSURE GAUGE:**

**Select:**

1. Dial size – 100mm, 160mm \_\_\_\_\_ **10**

2. Type \_\_\_\_\_ **5509**

3. 316 SS diaphragm \_\_\_\_\_ **S**

4. 316 SS housing and socket \_\_\_\_\_ **S**

5. Connection size and location ¼ NPTF lower \_\_\_\_\_ **02L**

6. Optional features \_\_\_\_\_ **XXX**

7. Pressure range \_\_\_\_\_ **0/100 psid**

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)