

## Type 5503 Differential Pressure Gauge

- ±1.6% full scale accuracy
- Stainless steel case
- 316 stainless steel wetted parts
- 580 psi static pressure standard with optional static pressure to 3625 psi
- External zero adjust
- Optional liquid-filled case
- 4" (100mm) or 6" (160mm) dial sizes

The Ashcroft® Type 5503 differential pressure gauge is available with ranges from 30 I.W.D. to 600 psi with optional static pressure to 3625 psi. Optional wetted parts includes Hastelloy C & Monel. Typical applications include use with liquified gas for nitrogen, helium, argon and carbon dioxide.



### PRODUCT SPECIFICATIONS

#### GENERAL DIFFERENTIAL PRESSURE MEASUREMENT SPECIFICATIONS

**Accuracy**  
±1.6% full scale

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

**Case and Ring**  
304 SS open front case with bayonet ring (316 SS case and ring optional)

**Dial**  
White painted aluminum

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

**Window**  
Shatterproof glass

**Diaphragm Material**  
316 SS for ranges 15 psi and above. High strength cobalt alloy (Duratherm 600) for ranges of 10 psi and below

**Housing Material**  
316 SS with a Viton O-ring

**Socket Material**  
316 SS

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

**Range**  
0-30 IWD (inches of water differential) to 300 psid

**Static Pressure**  
580 psi standard with optional static pressure to 3625 psid

**Mounting**  
Stem, wall or pipe

**Dial**  
White painted aluminum

Options		Code
Glycerin fill .....	(L)	
Silicone fill .....	(XGV)	
Weatherproof/Hermetically sealed case .....	(H)	
Wall mounting bracket .....	(XFW)	
Pipe mounting bracket .....	(XTM)	
3-way manifold .....	(X43)	
Hastelloy C diaphragm with 316 SS housing .....	(HS)	
Monel diaphragm with 316 SS housing .....	(PS)	
Hastelloy C diaphragm and housing .....	(HH)	
Electric warning contacts <sup>(1)</sup> ½% full scale accuracy (unidirectional upscale) .....	(XAN)	

(1) Specify contact arrangement. Specify if magnetic or inductive contacts.

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### STANDARD RANGES\*

psid	mBar	Bar	I.W.D.
3	40	0.6	30
5	60	1.0	60
10	100	1.6	100
15	160	2.5	200
30	250	4	
60	400	6	
100		10	
160		16	
200		25	
300			
600			

\*Other ranges on application

### TO ORDER THIS MODEL 5503 DIFFERENTIAL PRESSURE GAUGE:

10      5503      S      S      02L      XXX      0/100 psid

- Dial size – 100mm \_\_\_\_\_
- Type \_\_\_\_\_
- 316 SS diaphragm \_\_\_\_\_
- 316 SS housing and socket \_\_\_\_\_
- Connection size and location \_\_\_\_\_
- Optional features \_\_\_\_\_
- Pressure range \_\_\_\_\_