

- **Exclusive Teflon coated 400 series stainless steel rotary movement for longer life**
- **Patented Duratube™ with “Welded-Tube” construction controls stress for longer life**
- **Exclusive “Round Cap Tip” construction lowers stresses for longer life**
- **Easily adjustable, self-locking micrometer pointer**
- **New PLUS!™ Performance Option:**
  - **Liquid-filled performance in a dry gauge**
  - **Fights vibration and pulsations without liquid-filled headaches**
  - **See page 174 for details**
  - **Order as option XLL**

Type 1379 Duragauge® pressure gauge is offered in 4½”, 6” and 8½” dial sizes.

This rugged, solid-front aluminum case gauge is tops in its field. It is available as a weatherproof hermetically sealed or liquid-filled version in 4½” and 6” sizes in pressures to 30,000 psi. Like the 1279, it can be easily field converted from the weatherproof version to either the sealed or liquid-filled version using an optional kit. Ranges 50,000, 80,000 and 100,000 psi are available in 6” hermetically sealed and liquid-filled cases. All size cases are coated with black epoxy which will withstand most environmental conditions.



**BOURDON SYSTEM SELECTION**

Ordering Code	Bourdon Tube & Tip Material <sup>(1)</sup> (all joints TIG welded except “A”)	Socket Material	Tube Type	Range Selection Limits (psi)	NPT Conn. <sup>(2)</sup>
A	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	¼, ½
B	4130 alloy steel	1019 steel	C-Tube	15/1500	¼, ½
			Helical	2000/5000	¼, ½
R	316 stainless steel	1019 steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
S	316 stainless steel	316 stainless steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
P <sup>(4)</sup>	K Monel	Monel 400	C-Tube	15/1500	¼, ½
			Helical	2000/30,000	¼, ½ <sup>(5)</sup>
WW	Inconel 718	316 stainless steel	Helical	50/80/100,000 <sup>(3)(6)</sup>	¼ high press.

(1) For selection of the correct bourdon system material, see the media application table on page 178.  
 (2) Other connections available on application.  
 (3) 50,000-100,000 psi available in 6” 1379 lower and back connection only.

(4) Use for applications where NACE standard MR-01-75 is specified.  
 (5) 30,000 psi offered with ¼ high pressure connection, ½ NPT optional.  
 (6) Offered hermetically sealed as standard. Liquid fillable optional.

**STANDARD RANGES**

Pressure psi	Compound psi
0/15	30” Hg/15 psi
0/30	30” Hg/30 psi
0/60	30” Hg/60 psi
0/100	30” Hg/100 psi
0/160	30” Hg/150 psi
0/200	30” Hg/300 psi
0/300	
0/400	
0/600	<b>Vacuum</b>
0/800	30/0 in.Hg
0/1000	34/0 ftH <sub>2</sub> O
0/1500	
0/2000	
0/3000	
0/5000	
0/10,000	
0/20,000	
0/30,000	
0/50,000	
0/80,000	
0/100,000	

**NOTE:**  
Equivalent standard kg/cm<sup>2</sup>, and kPa metric ranges are available.

**TO ORDER THIS 1379 DURAGAUGE:**

**Select:** \_\_\_\_\_ **45**      **1379**      **SS\***      **04L**      **XXX**      **0/100 psi**

1. Dial size—4½”, 6”, or 8½” \_\_\_\_\_

2. Case type—1379 \_\_\_\_\_  
Ring-threaded reinforced polypropylene

3. Bourdon system selection ordering code \_\_\_\_\_

4. Connection—¼ NPT (02), ½ NPT (04), Lower (L), Back (B) \_\_\_\_\_

5. Optional features—see page 108 \_\_\_\_\_

6. Standard pressure range \_\_\_\_\_

7. Accessories—see pages 166-173 \_\_\_\_\_

(\*) “S” denotes solid front case design