

## Duragauge® Pressure Gauge Type 1279, ASME B 40.1 Grade 2A ( $\pm 0.5\%$ of span)

- 4½" full-size bourdon tube
- Patented Duratube™ with as-welded-tube construction controls stress for longer life
- "Round Cap Tip" construction lowers stresses for longer life
- Easily adjustable, self-locking micrometer pointer
- Burn-resistant phenol turret case
- Exclusive Teflon coated 400 series stainless steel rotary movement for longer life
- New PLUS!™ Performance Option:
  - Liquid-filled performance in a dry gauge
  - Fights vibration and pulsations without liquid-filled headaches

- See pages 6-7 for details
- Order as option XLL
- Epoxy-coated system for superior corrosion resistance

Type 1279 Duragauge® pressure gauge is offered in 4½" phenolic case for superior chemical and heat resistance. Solid-front case design with blow-out back for safety. Dry, liquid-filled, hermetically sealed, weatherproof or **PLUS!** options available. Field convertible to liquid-fill with conversion kit (detailed on page 243). All case styles provide full temperature compensation.



### 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	Phosphor Bronze Tube-Brass Tip, Silver Braze	Brass	C-Tube	12/1000	¼, ½
R	316L stainless steel	1019 steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
S	316L stainless steel	316L stainless steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
P <sup>(3)</sup>	K Monel	Monel 400	C-Tube	15/1500	¼, ½
			Helical	2000/30,000	¼, ½ <sup>(4)</sup>

(1) For selection of the correct bourdon system material, see the media application table on page 243.

(2) Other connections available on application.

(3) Use for applications where NACE standard MR-01-75 is specified.

(4) 30,000 psi range supplied with ¼ high pressure connection, ½ NPT optional.

### STANDARD RANGES

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

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

### TO ORDER THIS 1279 DURAGAUGE:

Select: \_\_\_\_\_ 45 \_\_\_\_\_ 1279 \_\_\_\_\_ SS\* \_\_\_\_\_ 04L \_\_\_\_\_ XXX \_\_\_\_\_ 2000#

1. Dial size—4½" \_\_\_\_\_

2. Case type—1279 \_\_\_\_\_  
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 239 \_\_\_\_\_

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

7. Accessories—see pages 233-238 \_\_\_\_\_

(\*) "S" denotes solid front case design