

- 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 ⁽¹⁾ (all joints TIG welded except "A") | Socket Material | Tube Type | Range Selection Limits (psi) | NPT Conn. ⁽²⁾ |
|------------------|--|----------------------|-----------|------------------------------|--------------------------|
| A | Phosphor Bronze Tube-Brass Tip, Silver Braze | 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 | 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 ⁽³⁾ | K Monel | Monel 400 | C-Tube | 15/1500 | ¼, ½ |
| | | | Helical | 2000/30,000 | ¼, ½ ⁽⁴⁾ |

- (1) For selection of the correct bourdon system material, see the media application table on page 249.
 (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 | Vacuum |
| 0/600 | 30/0 in.Hg |
| 0/800 | 34/0 ftH ₂ O |
| 0/1000 | |
| 0/1500 | |
| 0/2000 | |
| 0/3000 | |
| 0/5000 | |
| 0/10,000 | |
| 0/20,000 | |
| 0/30,000 | |

NOTE:
 Equivalent standard kg/cm², 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 245-246 _____

6. Standard pressure range _____

7. Accessories—see pages 239-244 _____

(*) "S" denotes solid front case design