



**Duragauge® Pressure Gauge
 Type 1279, Grade 2A (±0.5%)**

- 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 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 or **PLUS!** options available. Field convertible to liquid-fill with conversion kit (detailed on page 170). 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	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	316L stainless steel	1019 steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
S	316L stainless steel	316 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 178.
 (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” 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	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 _____ RS* _____ 04L _____ XXX _____ 0/2000 psi

- Dial size—4½” _____
- Case type—1279 _____
 Ring—threaded reinforced polypropylene
- Bourdon system selection ordering code _____
- Connection—¼ NPT (02), ½ NPT (04), Lower (L), Back (B) _____
- Optional features—see page 108 _____
- Standard pressure range _____
- Accessories—see pages 165-171 _____

(*) “S” denotes solid front case design

- **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” dials 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 ⁽¹⁾ (all joints TIG welded except “A”)	Socket Material	Tube Type	Range Selection Limits (psi)	NPT Conn. ⁽²⁾
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	316L stainless steel	1019 steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	¼, ½
			Helical	2000/20,000	¼, ½
P ⁽⁴⁾	K Monel	Monel 400	C-Tube	15/1500	¼, ½
			Helical	2000/30,000	¼, ½ ⁽⁵⁾
WW	Inconel 718	316 stainless steel	Helical	50/80/100,000 ⁽³⁾⁽⁶⁾	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	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	
0/50,000	
0/80,000	
0/100,000	

NOTE:
Equivalent standard kg/cm², and kPa metric ranges are available.

TO ORDER THIS 1379 DURAGAUGE:

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

- Dial size—4½”, 6”, or 8½” _____
- Case type—1379 _____
Ring-threaded reinforced polypropylene
- Bourdon system selection ordering code _____
- Connection—¼ NPT (02), ½ NPT (04), Lower (L), Back (B) _____
- Optional features—see page 108 _____
- Standard pressure range _____
- Accessories—see pages 166-173 _____

(*) “S” denotes solid front case design

