



#### **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 41/2" 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 <sup>(1)</sup> (all joints TIG welded except "A")	Socket Material	Tube Type	Range Selection Limits (psi)	NPT Conn.(2)			
Α	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2			
В	4130 alloy steel	1019 steel	C-Tube	15/1500	1/4,1/2,			
ь	4130 alloy steel	1013 31661	Helical	2000/5000	1/4,1/2			
R	316L stainless steel	1019 steel	C-Tube	12/1500	1/4,1/2			
11	STOL Stairliess steel		Helical	2000/20,000	1/4,1/2			
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	1/4,1/2			
3	3 TOL Statilless Steel	310 Stailliess Steel	Helical	2000/20,000	1/4,1/2			
P <sup>(3)</sup> K Monel		Monel 400	C-Tube	15/1500	1/4,1/2			
F <sup>17</sup>	K Monel	IVIONEL 400	Helical	2000/30,000	1/4,1/2(4)			

(1)	For selection of the correct bourdon system material, see the
	media application table on page 178.

STANDARD RANGES	
Pressure	Compound
psi	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 ftH₂O
0/1000	
0/1500	
0/2000	
0/3000	
0/5000	NOTE:
0/10,000	Equivalent standard
0/20,000	kg/cm <sup>2</sup> , and kPa metric
0/30,000	ranges are available.

TO ORDER THIS 1279 DURAGAUGE:						
Select:	45	1279	RS*	04L	XXX	0/2000 psi
1. Dial size–4½″						
2. Case type–1279						
Ring-threaded reinforced polypropylene						
Bourdon system selection ordering code						
4. Connection-1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (B).						
5. Optional features—see page 108						
6. Standard pressure range						

7. Accessories-see pages 165-171

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



<sup>(2)</sup> 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.

# **NASHCROFT**

### **Duragauge® Pressure Gauge** Type 1377, 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 1377 Duragauge® pressure gauge is offered in  $4^{1}/_{2}^{"}$ ,  $6^{"}$  and  $8^{1}/_{2}^{"}$ dial sizes.

Designed for flush mounting, this solid-front gauge is ideal for panel board applications. Its black epoxy coating and its tough aluminum weatherproof case easily allow application in a variety of climatic conditions.



BOURDO	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>			
А	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2			
В	4130 alloy steel	1019 steel	C-Tube	15/1500	1/4, 1/2			
	4130 alloy steel	1019 31661	Helical	2000/5000	1/4, 1/2			
R <sup>(4)</sup>	316L stainless steel	1019 steel	C-Tube	12/1500	1/4, 1/2			
110.7	OTOL Starriess Stool	1010 3000	Helical	2000/20,000	1/4, 1/2			
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	1/4, 1/2			
	STOL Stailliess steel	510 Statilless steel	Helical	2000/20,000	1/4, 1/2			
P(3)	K Monel	Monel 400	C-Tube	15/1500	1/4, 1/2			
Γ'-7	K MOHEI	Woller 400	Helical	2000/30,000	1/4, 1/2 <sup>(5)</sup>			

(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) "R" bourdon system not available in 8½" dial size.
  (5) 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 ftH₂O
0/1000	
0/1500	
0/2000	
0/3000	
0/5000	NOTE:
0/10,000	Equivalent standard
0/20,000	kg/cm², and kPa metric
0/30,000	ranges are available.

TO ORDER THIS 1377 DURAGAUGE:						
Select:	45	1377	AS*	04B	XXX	0/2000 psi
1. Dial size–4½"						1
2. Case type–1377						
Ring-steel, black enamel finish						
3. Bourdon system selection ordering code						
4. Connection-1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (B) =						
5. Optional features—see page 108						
6. Standard pressure range						

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



7. Accessories-see pages 166-173

# **NASHCROFT**

#### **Duragauge® Pressure Gauge** Type 1379, 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 1379 Duragauge® pressure gauge is offered in 41/2," 6" and 81/2" 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 41/2" 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.



<b>BOURDO</b>	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>				
А	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2				
В	4130 alloy steel	1019 steel	C-Tube	15/1500	1/4, 1/2				
	4130 alloy Steel	1019 Steel	Helical	2000/5000	1/4, 1/2				
R	316L stainless steel	1019 steel	C-Tube	12/1500	1/4, 1/2				
	O FOL Stafficss Stoci	1010 30001	Helical	2000/20,000	1/4, 1/2				
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	1/4, 1/2				
	JIOL Stailliess steel	310 stailliess steel	Helical	2000/20,000	1/4, 1/2				
P(4)	K Monel	Monel 400	C-Tube	15/1500	1/4, 1/2				
Lo	V MOUG	WIGHEI 400	Helical	2000/30,000	1/4, 1/2 <sup>5)</sup>				
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
- (6) Offered hermetically sealed as standard. Liquid fillable optional.

STANDARD RANGES	
Pressure	Compound
psi	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 ftH₂O
0/1000	
0/1500	
0/2000	
0/3000	
0/5000	
0/10,000	
0/20,000	
0/30,000	NOTE:
0/50,000	Equivalent standard
0/80,000	kg/cm², and kPa metric
0/100,000	ranges are available.

TO ORDER THIS 1379 DURAGAUGE:						
Select:	45	1379	SS*	04L	XXX	0/100 ps
1. Dial size–4½", 6", or 8½"			1			
2. Case type–1379						
Ring-threaded reinforced polypropylene						
Bourdon system selection ordering code						
4. Connection-1/4 NPT (02), 1/2 NPT (04), Lower (L), Back (B) -						
5. Optional features—see page 108						
6. Standard pressure range						

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



7. Accessories-see pages 166-173

# **NASHCROFT**

### **Duragauge® Pressure Gauge** Type 2462, 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

This solid-front gauge is designed for greater readability by using a large 6" dial and a durable 41/2" system. Viewed from the front, it appears to be a 6" gauge. Its glassfilled polypropylene case is highly impact resistant and holds up well in most environments. This generalpurpose gauge offers truly functional styling and economy. The result is a gauge that will fit most applications at a price that represents outstanding



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.(2)		
А	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2		
В	4130 alloy steel	1019 steel	C-Tube	15/1500	1/4, 1/2		
B 4130 alloy Steel	4130 alloy steel	1019 3661	Helical	2000/5000	1/4, 1/2		
R 316L stainless steel		1019 steel	C-Tube	12/1500	1/4, 1/2		
n	STOL Statilless Steel	1019 36661	Helical	2000/20,000	1/4, 1/2		
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	1/4, 1/2		
3	3 TOL Stalliless steel	3 16 Stainless steel	Helical	2000/20,000	1/4, 1/2		
<b>P</b> (3)	K Monel	Monel 400	C-Tube	15/1500	1/4, 1/2		
F\"	V MOUGI	IVIOLISI 400	Helical	2000/30,000	1/4, 1/2(4)		

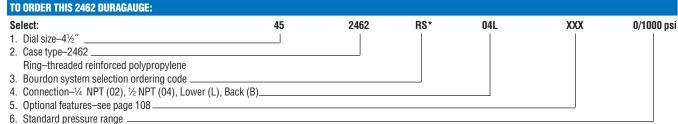
Ordering Code	(all joints TIG welded except "A")	Socket Material	Type	Hange Selection Limits (psi)	Conn.(2)
Α	Grade A Phosphor Bronze Tube-Brass Tip, Silver Brazed	Brass	C-Tube	12/1000	1/4, 1/2
В	4130 alloy steel	1019 steel	C-Tube	15/1500	1/4, 1/2
			Helical	2000/5000	1/4, 1/2
R	316L stainless steel	1019 steel	C-Tube	12/1500	1/4, 1/2
			Helical	2000/20,000	1/4, 1/2
S	316L stainless steel	316 stainless steel	C-Tube	12/1500	1/4, 1/2
			Helical	2000/20,000	1/4, 1/2
P <sup>(3)</sup>	K Monel	Monel 400	C-Tube	15/1500	1/4, 1/2
			Helical	2000/30,000	1/4, 1/2(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

(4) 30,000 psi range supplied with 1/4 high pressure connection, ½ NPT optional.

STANDARD RANGES					
Pressure	Compound				
psi	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 <sub>2</sub> O				
0/1000					
0/1500					
0/2000					
0/3000					
0/5000	NOTE:				
0/10,000	Equivalent standard				
0/20,000	kg/cm², and kPa metric				
0/30,000	ranges are available.				



7. Accessories-see pages 165-173

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





