

Precision Test Gauges

USG Location: Largo, FL

SOLFRUNT® 3" Portable - Copper-Alloy Wetted Material

MODEL 1409

Description:

CASE and RING: ABS, Chrome-plated

COVER: ABS, Chrome-plated (Optional)

WINDOW: Polycarbonate

POINTER: Knife-edge, black anodized aluminum, micro-adjustable

DIAL: Aluminum with white background and black marking. Standard dial scale in PSI. Arc of calibration is 300°, except 0 - 5000 PSI, which is 270° arc.

MOVEMENT: Geared movement with dissimilar metals to minimize friction and wear.

BOURDON TUBE: Seamless Phosphor Bronze (30" Hg through 1000 PSI) and Beryllium Copper (1500 through 5,000 PSI)

CONNECTION TYPE: Brass, 1/4-18 ANPT Standard

ACCURACY: ±0.5% of span in 0 - 30 PSI through 1000 PSI (Grade 2A); ±1% of span in 0 - 1500 PSI through 5000 PSI (Grade 1A)

| Maximum Indication | Figure Interval | Smallest Interval |
|--------------------|-----------------|-------------------|
| 30 PSI | 2 | 0.1 |
| 60 PSI | 5 | 0.2 |
| 100 PSI | 5 | 0.5 |
| 160 PSI | 10 | 1 |
| 200 PSI | 10 | 1 |
| 300 PSI | 20 | 1 |
| 600 PSI | 50 | 2 |
| 1,000 PSI | 50 | 5 |
| 1,500 PSI | 100 | 5 |
| 2,000 PSI | 100 | 10 |
| 3,000 PSI | 200 | 10 |
| 5,000 PSI | 200 | 20 |

| Standard Model | List Price |
|---|------------|
| 3" Case, 1/4" ANPT LM Connection, all pressures | \$ 201.85 |

| Options: | List Adder |
|--|------------|
| Protective Cover (USG Spec 161959) | \$ 12.70 |
| Metric Dial (KPA, BAR, KG/CM ²) | \$ 0.00 |
| Dual Scale Dial | \$ 0.00 |
| Custom Dial (\$100 set-up charge) ¹ | \$ 0.00 |
| Oxygen Service | \$ 45.00 |
| NIST Certification | \$ 160.00 |

¹ Minimum order size of 10 units for custom dials.

Set-up charge one-time only.

| Pressure Range: | Spec No. |
|-----------------|----------|
| 0 - 30 PSI | 161947 |
| 0 - 60 PSI | 161948 |
| 0 - 100 PSI | 161949 |
| 0 - 160 PSI | 161950 |
| 0 - 200 PSI | 161951 |
| 0 - 300 PSI | 161952 |
| 0 - 600 PSI | 161953 |
| 0 - 1,000 PSI | 161954 |
| 0 - 1,500 PSI | 161955 |
| 0 - 2,000 PSI | 161956 |
| 0 - 3,000 PSI | 161957 |
| 0 - 5,000 PSI | 161958 |



Figure 1: Model 1409 with Optional Protective Cap

Master Gauge Co.



WHEN UNDER PRESSURE THINK OF US!

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