

Series 30™ Single Stage Flow Gauges



31-50-580



31-50-580-6

**3 Year
Limited Warranty**

FEATURE BENEFITS

- Compact Design
- Machined Brass Body
- Neoprene/Nylon Diaphragm
- 2" (51mm) Diameter Gauges
- Protective Inlet Filter - Sure-Seat™
- Self Re-Seating Pressure Relief Valve
- 0 - 4000 Inlet Gauge
- 10 - 50 SCFH Delivery Gauge

Stock No.	Gas Used	Flow Range	Inlet Connection	Outlet Connection
31-50-580	Argon	10-50 SCFH	CGA 580	5/8" - 18RH Internal
31-50-580-6*				
31-50-320	CO ₂	0-50 SCFH	CGA 320	

* Includes 6' (1.8m) hose with inert hose connections.

FIXED FLOW ADAPTORS - H1400 Series

Designed for welding operations or other applications requiring fixed gas flows. Installs in regulator outlet or directly on 30 PSIG pipeline outlet without regulator. Set regulator at 30 PSIG and be assured of correct gas flow. Inlet filter protects orifice from debris. F.M. thread size 5/8" (16mm) - 18 U.N.F. Male thread size 1/4" NPT (6mm).

Stock No.	Flow SCFH (30 PSIG Inlet)							Orifice Diameter
	CO ₂	Air	Argon	Helium	Nitrogen	Hydrogen	Oxygen	
H1400-20	20	24	21	65	25	91	23	.026
H1400-30	30	37	32	100	38	140	35	.032
H1400-40	39	48	41	129	49	182	46	.037
H1400-50	50.5	62	53	167	63	234	59	.042



H1400-20

Regulators
Flowmeters

Regulator Warranty Information

3 - Year Limited Regulator Warranty:

Smith Equipment warrants to the purchaser, all Smith Equipment Gas Regulators against defects in materials and workmanship (parts and labor) for a period of three years. All metallic regulator components are warranted for a period of three years (parts only).

NOTE: Disposable cylinder regulators are warranted for a period of one (1) year.

The warranty period is established by the manufacturer's date code which is imprinted on the product or date of purchase if proof of purchase date is provided by the purchaser with the warranty claim. Smith Equipment makes no other warranty of any kind, expressed or implied, including without limitation no warranty of merchantability or fitness for any purpose. During the warranty period, Smith Equipment agrees, at its option, to repair, replace or refund the purchase price of any product found defective upon inspection by Smith Equipment. This is the sole and exclusive remedy of the purchaser and the sole and exclusive liability of Smith Equipment, whether in

contract, in tort, under any warranty, in negligence or otherwise. Smith Equipment shall not be liable under any circumstances for any incidental, consequential, special, indirect or other damages, or for loss of use, revenue or profit even if Smith Equipment has been advised of the possibility of such damages. The warranty and remedies provided herein shall not apply if a product is damaged by accident, abuse or misuse, if a product is modified in any way except by personnel authorized by Smith Equipment, or if anything except genuine Smith Equipment replacement parts, tips, and consumables are used with the equipment.

Safety • Performance • Durability

Premium Quality Pressure Gauges

Smith Equipment Replacement Pressure Gauges are manufactured in accordance with Smith's rigid quality standards. All gauges feature precision watch type movements for optimum accuracy. Gauges are supplied in convenient "Slider-Pak" packaging for attractive display, allows removal and inspection of product without damage to packaging.

FEATURE BENEFITS

- 2" (51mm) and 2-1/2" (64mm) Gauges U.L. Listed.
- Watch-type precision movement for optimum accuracy.
- One-piece polycarbonate crystal is shatter resistant and has protective lip to prevent damage to face.
- Preferred design with 1/4 turn crystal ring.
- High visibility cupped steel face.
- PSI/Bar pressure gauges and CFH/LPM flowgauges



2" Gauge
(51mm)
Part No. GA134-03



2-1/2" Brass Gauge
(64mm)
Part No. GA033-07

Gauges

2" (51mm) Black Case Gauges

Part No.	Description	Pressure Calibration
GA136-03	CFH / LPM	50 CFH / 25 LPM
GA134-03	PSI / BAR (Red Zone)	30 PSI / 2 Bar
GA141-03	PSI / BAR	30 PSI / 2 Bar
GA135-03	PSI / BAR	60 PSI / 4 Bar
GA143-03	PSI / BAR	100 PSI / 7 Bar
GA137-03	PSI / BAR	150 PSI / 10 Bar
GA140-03	PSI / BAR	200 PSI / 14 Bar
GA138-03	PSI / BAR	400 PSI / 28 Bar
GA142-03	PSI / BAR	600 PSI / 40 Bar
GA139-03	PSI / BAR	4000 PSI / 280 Bar
GA145-03	PSI / BAR	6000 PSI / 400 Bar

NOTE: All 2" (51mm) gauges have 1/4" (6mm) NPT bottom stem.

2-1/2" (64mm) Brass Case Gauges

Part No.	Description	Pressure Calibration
GA026-07	PSI / BAR (Red Zone)	30 PSI / 2 Bar
GA029-07	PSI / BAR	60 PSI / 4 Bar
GA033-07	PSI / BAR	200 PSI / 14 Bar
GA037-07	PSI / BAR	400 PSI / 28 Bar
GA043-07	PSI / BAR	4000 PSI / 280 Bar

NOTE: All 2-1/2" (64mm) gauges have 1/4" (6mm) NPT bottom stem.

