

Flowmeters



Flowmeter assemblies are designed to operate at an inlet pressure of 30 PSIG (except H1105 which is designed to operate at an inlet pressure of 80 PSIG). They may be attached to regulators or pipeline installations. All flowmeters have 1/4" (6mm) NPT female inlets.

FEATURE BENEFITS

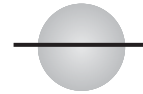
- 1** Flow tube is extra long and is accurate to within 3% of the full scale reading. Tubes are made of shatter resistant Lexan™.
- 2** Flow tube has a unique ball guide which centers the ball in the tube and keeps it centered. A ball floating in a non-centering tube allows the ball to float off-center and will result in greater flows than the reading indicates.

Selec-O-Gas™ Flow Tube - Just rotate the outer tube to the scale you desire for:

- Argon
- CO₂
- Helium
- General/Any Gas

Shatter resistant Lexan™ tube

NOTE: Read center of ball on all Smith Flowmeters



Regulators Flowmeters

HEAVY DUTY FLOWMETERS

| Stock No. | Gas Used | Flow Range | Tube No. | Inlet Connection | Outlet Connection | Recommended Inlet Pressure |
|------------------------|--|------------|----------|------------------|-------------------|----------------------------|
| *H1105 | Argon/CO ₂ | 0-80 SCFH | 13220 | 1/4" NPT | 5/8" - 18 RH | 80 PSIG |
| *H1240 Selec-O-Gas™ | Argon/CO ₂ Helium, General | Various | 14254 | Male | Internal | 30 PSIG |

* H1105 supercedes H1103; H1240 supercedes H1230E.

STANDARD DUTY FLOWMETER

| Stock No. | Gas Used | Flow Range | Tube No. | Inlet Connection | Outlet Connection | Recommended Inlet Pressure |
|----------------------------|-----------------------------------|------------|----------|--------------------------|--------------------------|----------------------------|
| H2230 Econ. Multi-Scale | Argon, CO ₂ Helium, | Various | N/A | 1/4" NPT Male | 5/8" - 18 RH Internal | 50 PSIG |
| H2231 Econ. Multi-Scale | Argon/CO ₂ Mix | | | 5/8" - 18 RH External | | |

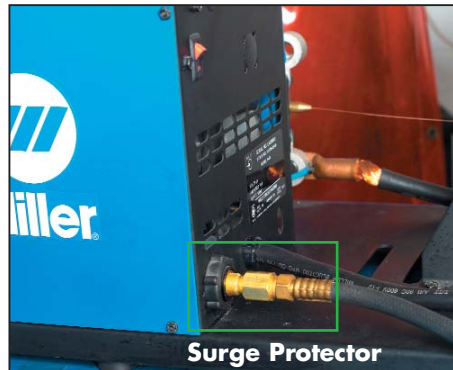
CAUTION: Do Not Connect Flowmeters Directly to Gas Cylinder.

NOTE: When using Argon/CO₂ mix, read Argon scale.

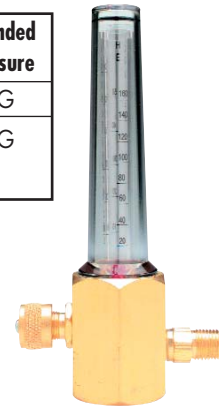
1 Year Limited Warranty

SURGE PROTECTORS - 15001 Series

Fixed flow surge protectors designed for MIG welding applications, eliminates sudden rush of shield gas sometimes caused by accumulator effect of MIG welding system components. Flows listed are at 30 PSI inlet pressure. Female thread size 5/8" (16mm) - 18 UNF, male thread size 5/8" (16mm) - 18 UNF (connects directly to wire feeder or welder).



Surge Protector



H2230



H2231



15001-30

| Stock No. | CO ₂ | Air | Argon | Helium | Nitrogen | Hydrogen | Oxygen | Orifice Diameter |
|-----------|-----------------|-----|-------|--------|----------|----------|--------|------------------|
| 15001-20 | 20 | 24 | 21 | 65 | 25 | 91 | 23 | .026 |
| 15001-30 | 30 | 37 | 32 | 100 | 38 | 140 | 35 | .032 |
| 15001-40 | 39 | 48 | 41 | 129 | 49 | 182 | 46 | .037 |

