

Flowmeters



High Flow Welding and Blanketing

Gas Service	Stock Number	Low Flow Scale CFH	High Flow Scale CFH	Inlet Connection	Outlet Connection
Helium	805-1600	0.5-37	30-200	5/8-18 "B" RH Ext.	5/8"-18 RH Int.
Argon	805-1601	1.0-24	22-198	5/8-18 "B" RH Ext.	5/8"-18 RH Int.
Oxygen	805-1602	0.1-4.5	3.5-20	9/16"-18 RH Int.	9/16"-18 RH Ext.
Nitrogen	805-1603	1.0-29	27-245	5/8-18 "B" RH Ext.	5/8"-18 RH Int.
Hydrogen	805-1604	2.0-52	40-300	9/16-18"18-LH Int.	9/16"-18 LH Ext.
CO2	805-1605	1.0-24	23-150	5/8-18 "B" RH Ext.	5/8-18 "B" RH Ext.

General Purpose Dual Range Flowmeter

Gas Service	Stock Number	Low Flow Scale CFH	High Flow Scale CFH	Inlet Connection	Outlet Connection
Hydrogen	805-1606	3.0-23	32-192	5/8-18 "B" RH Ext.	5/8-18 "B" RH Int.
Helium		2.5-70	65-525		
Nitrogen		2.0-28	35-220		
CO2		2.0-24	26-176		
AG75		1.5-37	45-290		

Features

- Dual Range Flow Adjustment*
Enables precise gas metering
- Gas Specific Scale*
Delivers greater accuracy
- Articulating Inlet Connection
Installation flexibility

* Except for 805-1606

Materials

- Cast Aluminum Body
- Buna-N O-Ring Seals
- 25 Micron Bronze Filter

Specifications

- Compensated @ 30 psi
- -40 to 140°F (-40 to 60°C)



1600 Series

805-1600 Shown

Medium Flow Welding and Blanketing

Gas Service	Stock Number	Inlet Connection	Flow Range	Outlet Connection	Compensated PSIG
Argon/CO ₂	805-0720	5/8"-18 RH Ext.	10-60 Ar/10-55 CO ₂	5/8"-18 RH Ext.	30 (Straight Inlet)
Argon/Helium	805-0721	5/8"-18 RH Ext.	10-60 Ar/30-200 He	5/8"-18 RH Ext.	30 (Straight Inlet)
Argon/Helium	805-0725	5/8"-18 RH Ext.	10-60 Ar/30-200 He	5/8"-18 RH Ext.	0 (Elbow Model)
Argon/CO ₂	805-0727	1/4" NPT (M)	10-60 Ar/10-55 CO ₂	5/8"-18 RH Ext.	30 (Dual Flowmeters)
Argon/Helium	805-0728	1/4" NPT (M)	10-60/30-200 He	5/8"-18 RH Ext.	30 (Dual Flowmeters)

Features

- Dual Scale Flow Tube
Enables process flexibility
- Non-compensated Flowmeter Model
Eliminates Gas Surge
- Resettable Relief Mechanism
Lowers maintenance costs

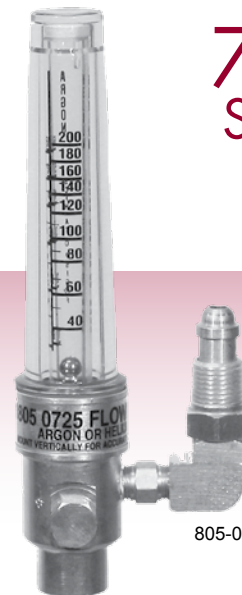
* On all except 805-0725

Materials

- Brass Bar Stock Body
- Neoprene® O-Ring Seals
- 25 Micron Bronze Filter*

Specifications

- Compensated @ 30/0 psi
- -40 to 140°F (-40 to 60°C)



700 Series

805-0725 Shown