

# FLOWMETERS



## 1600 SERIES FLOWMETER High Flow Welding and Blanketing

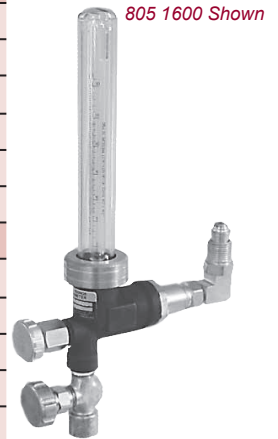
DISTRIBUTION SYSTEMS

Features	Materials of Construction	Specifications
<b>Dual Range Flow Adjustment*</b> Enables precise gas metering <b>Gas Specific Scale*</b> Delivers greater accuracy <b>Articulating Inlet Connection</b> Installation flexibility	<b>Body</b> Forged aluminum <b>Outlet Valve</b> Brass <b>50-Micron Inlet Filter</b> Bronze <b>Inlet Connection</b> Brass <b>Seals</b> Buna-N	<b>Temperature Range</b> -40 to 140° F (-40 to 66° C) <b>Compensation</b> 30 PSIG

\* Except for 805 1606

### Ordering Information

Part Number	Gas Service	Low Flow Scale (SCFH)	High-flow Scale (SCFH)	Inlet Connection	Outlet Connection
805 1600-01-1	Helium	0.5-37	30-200	5/8"-18 "B" RH Ext.	5/8"-18 RH Int.
805 1601-01-1	Argon	1.0-24	22-198	5/8"-18 "B" RH Ext.	5/8"-18 RH Int.
805 1602-01-1	Oxygen	0.1-4.0	3.5-20	9/16"-18 RH Int.	9/16"-18 RH Ext.
805 1603-01-1	Nitrogen	1.0-29	27-245	5/8"-18 "B" RH Ext.	5/8"-18 RH Int.
805 1604-01-1	Hydrogen	2.0-52	40-300	9/16"-18"18-LH Int.	9/16"-18 LH Ext.
805 1605-01-1	Carbon Dioxide	1.0-24	23-150	5/8"-18 "B" RH Ext.	5/8"-18 "B" RH Ext.
General Purpose Dual Range Flowmeter					
805-1606-01-1	Hydrogen	3.0-23	32-192	5/8"-18 "B" RH Ext.	5/8"-18 "B" RH Ext.
805-1606-01-1	Helium	2.5-70	65-525	5/8"-18 "B" RH Ext.	5/8"-18 "B" RH Ext.
805-1606-01-1	Nitrogen	2.0-28	35-220	5/8"-18 "B" RH Ext.	5/8"-18 "B" RH Ext.
805-1606-01-1	Carbon Dioxide	2.0-24	26-176	5/8"-18 "B" RH Ext.	5/8"-18 "B" RH Ext.
805-1606-01-1	AG-75	1.5-37	45-290	5/8"-18 "B" RH Ext.	5/8"-18 "B" RH Ext.



## 700 SERIES FLOWMETER Medium Flow Welding and Blanketing

Features	Materials of Construction	Specifications
<b>Dual Scale Flow Tube</b> Enables process flexibility <b>Non-Compensated Flowmeter Model</b> Eliminates gas surge <b>Resettable Relief Mechanism</b> Lowers maintenance costs	<b>Body</b> Brass <b>50-Micron Inlet Filter</b> Bronze <b>Inlet/Outlet Connection</b> Brass <b>Seals</b> Neoprene	<b>Temperature Range</b> -40 to 140° F (-40 to 60° C) <b>Max Inlet Pressure</b> 50 PSIG  CRN 0F11806.5

### Ordering Information

Part Number	Gas Service	Inlet Connection	Flow Range (SCFH)	Outlet Connection	Compensated PSIG
805 0720-01-1	Argon/Carbon Dioxide	5/8"-18 RH Ext.	10-60 Argon/10-55 Carbon Dioxide	5/8"-18 RH Int.	30 (Straight Inlet)
805 0721-01-1	Argon/Helium	5/8"-18 RH Ext.	10-60 Argon/30-200 Helium	5/8"-18 RH Int.	30 (Straight Inlet)
805 0725-01-1	Argon/Helium**	5/8"-18 RH Ext.	10-60 Argon/30-200 Helium	5/8"-18 RH Int.	0 (Elbow Model)
805 0727-01-1	Argon/Carbon Dioxide	1/4" MNPT	10-60 Argon/10-55 Carbon Dioxide	5/8"-18 RH Int.	30 (Dual Flowmeters)
805 0728-01-1	Argon/Helium	1/4" MNPT	10-60/30-200 Helium	5/8"-18 RH Int.	30 (Dual Flowmeters)

\*\* Gas saver model must be used with an adjustable pressure regulator

