

HC-1100 High-Capacity Meter

High Capacity

FLOWMETERS

Description: The HC-1100 Series flowmeters offer measuring indication of gases at higher flow levels than our other flowmeters. These meters are designed to withstand demanding industrial applications and are also suitable for laboratory use.

Design Features

Ribbed Tubes

stabilize the float and improve accuracy and readability.

Large Diameter Flow Tubes

permit flows up to 15 standard cubic feet per minute (scfm) of air.

Available in Stainless Steel

allows use in corrosive gas service.

Borosilicate Glass Tubes

permit operation up to temperatures of 250°F



Specifications

Maximum Operating Pressure	150 psig
Ambient Operating Temperature	0° F to +250° F
Scale Length	65 mm
Accuracy	±10% full scale
Repeatability	±0.5%
Connections	3/8" FNPT

Materials

Tubes	Borosilicate glass
Floats	316 Stainless Steel
Meter Case	Aluminum
End Blocks	Brass or 316 Stainless Steel
Seals	
Brass Units	Buna-N
Stainless Steel Units	Viton

Ordering Information

Brass	Product Number	Stainless Steel	Flow Range	
			(scfm)	(lpm)
			Air @ 14.7 psig and 70°F	
			0.5-5.0*	10-140
			1.0-10	20-280
			1.0-15	20-425
			1.0-20	50-575
			2.0-30	80-900

*Note: Bold type depicts actual scale reading.