

IE-Mite Plastic Body Purge Rotameter

VARIABLE AREA FLOWMETERS – LOW-COST / PURGE

Description

IE Mite Purge Rotameter is designed for general non-corrosive service as a practical approach to low flow rate indication at lowest cost. The tapered metering tube (Sizes 1-8) is integrally machined in the plastic body. A standard direct reading scale engraved on the body affords maximum simplicity of installation and operation. The IE Mite meter is ideal for non-critical purge applications where high accuracy of flow measurement is not required.



IE-MITE PLASTIC BODY PURGE ROTAMETER

Design Features

- O-ring seal prevents overstressing of body
- Scales directly etched in meter body
- Inert to a wide range of chemical agents
- High impact strength meter body
- Multi-tube construction

Materials Of Construction

Meter: Acrylic Plastic Fittings: Brass, 316 stainless steel
Floats: Spherical Pyrex Glass, 316 Stn. Stl. O-rings: Neoprene

Performance

Standard Accuracy: + 10% of full scale Calibrated Accuracy: + 5% of full scale Reproducibility Within 1% of instantaneous reading Scale length Sizes 1-7 ... Nominal, 37 mm Sizes 8... Nominal, 65 mm Graduations Direct reading; standard scales for air and water. Millimeter or arbitray, with air or water calibration curves.



REPRESENTATIVE CONFIGURATIONS

Capacities Table

Meter Size	Float Material	Air		Water	
1-38	Glass	38	SCCM		
1-38	Stn. Stl.	189	SCCM		
2-38	Glass	944	SCCM	16	CCM
2-38	Stn. Stl.	2.12	SLPM	50	CCM
4-38	Glass	4.72	SLPM	90	CCM
4-38	Stn. Stl.	8.5	SLPM	250	CCM
6-38	Glass	23.6	SLPM	650	CCM
6-38	Stn. Stl.	42.5	SLPM	1.2	LPM
7-38	Stn. Stl*.	106.2	SLPM	3.47	LPM
8-75	Stn. Stl.	184.06	SLPM	7.57	LPM
8-75	Stn. Stl.	283.17	SLPM	11.36	LPM
8-75	Stn. Stl.	424.76	SLPM	17.03	LPM

*Plumb Bob