



PURGE ROTAMETER

Purge Rotameter is an instrument used to measure instant flow rate of Liquids and Gases and are commonly used for purging or low flow measurement.

Process Control Devices offers a series of variable area flow meters in Mumbai. Designed to measure the flow rate of a fluid flowing through Vertical pipelines. Purge rotameter are cost-effective and convenient for low flow rate sign for fluids. Where operating conditions are with the limitations of Glass metering tube of rotameter. The float moves smoothly in an upward and downward direction in tapered Glass Tube with fluid flow from bottom to top.

The float takes up a position where buoyancy forces and the float weight is balance in proportion to flow rate. The top position of the float as indicated by scale is the measure of the instant flow rate. These also known as low flow rotameter. We provide flow calibration report with each rotameters with one-year validity. It is being used for purging / isolating or controlling of fluid passing through process pipes. We manufacture purge rotameter with a vertical connection, rear connection and offsets connection with isolation valves. This is also known as low flow rotameter.

SPECIFICATIONS :

Fluid	:	Liquids & Gases
Density / Sp. Gravity	:	Up to 1.85
Viscosity	:	Up to 220 cp
Design Temperature	:	Up to 100°C
Design Pressure	:	Up to 5 Kg/cm ²
Measuring Range	:	0.6 to 160 LPH of Water/Liquid 10 to 5000 NLPH of Air/Gas at NTP
Line Size	:	Up to 1" NB
Available Materials	:	SS304/SS304L/SS316/SS316L/PTFE/Monel/Hastalloy
Connection	:	Flanged to ASA/BS/DIN/ Triclover Standard Screwed to BSP/NPT(M/F)
Accuracy	:	±2% of FSD & ±1.5% on request

