

Description

The FME make Acrylic Body Rotameter work on the principle of traditional variable area technology.

The P-400 series flow meters are specifically designed for the measurement of low flows of liquids and gases and are optionally comes with integrated needle valves for the fine adjustment of the flow.

These are used mainly in Purging, Analyzers, Gas sampling systems, Laboratories and other Machinery equipments.

Design Features

- ❖ Precision machined Acrylic block.
- ❖ Block Type, Panel Mountable.
- ❖ Easy of installation & Low installation costs.
- ❖ Direct scale reading with Fiber Laser markings.
- ❖ White background allows better visibility.
- ❖ Horizontal or vertical connections.

Product Specifications

Accuracy	+/- 5% FSD
Repeatability	+/- 1 % FSD
Capacities	Please write to factory
Pressure Rating	100 PSIG (Maximum)
Temperature Rating	65 Deg C (Maximum)
Dimensions	Consult Factory
Scales	Nominal scale length: 40 mm
Optional Equipments	Needle Valve at Inlet / Out Let



Dimensions

Total Height	105 mm (+/- 3)
Total Width	25 mm (+/- 3)
Center to Center	65 mm (+/- 3)
For other details consult Factory	

Material of Construction

Metering Tube	Acrylic Plastic
Floats	316SS, 304SS, Sapphire, Black Glass, PTFE, Tungsten Carbide
End Fittings & End Plugs	Brass, 304 SS, 316 SS, Plastic
Float Stoppers	304SS, 316SS, PTFE, Acrylic
O rings / Packing	Neoprene, Viton, EPDM, PTFE, Buna-N
Connections type and size	Threaded - NPT (F), BSP (F), 1/8", 1/4", 3/8
Connections Orientation	Model P401: Vertical – Vertical, Model P402: Rear - Rear