

“MICRO” Variable area flow meters (Rotameters) work on the principle of Variable Area. The float moves up and down in the tapered borosilicate glass / Acrylic Tube with fluid flow from bottom to top. The float takes up a position where buoyancy forces and the float weight are balanced in proportion to the flow rate. The vertical position of the float as indicated by scale is the measure of the instantaneous flow rate.

Standard Construction Features (For Acrylic & Glass Tube Rotameter):

Wetted Parts:

S. S. 304 / S. S. 316 / C.S. / PP / PTFE Lined

Floats:

S. S. 316 / PTFE / PVC / PP

Packing:

Neoprene / PTFE / Silicon

Scale:

PVC / Aluminium / S. S. Engraved (for Glass Tube)
Engraved on Metering Body (For Acrylic)

Scale Length:

175 – 200 mm Approx.

Accuracy:

±2% of full flow standard

Repeatability:

±2% of full scale

Rangeability:

10:1

End Connection:

Flanged / Screwed

Mounting:

Inline / Panel

Accessories:

High / Low Flow Switch

GLASS TUBE ROTAMETER:

Meter Body:

Powder Coated M.S.
S. S. (Optional)

Glass Tube:

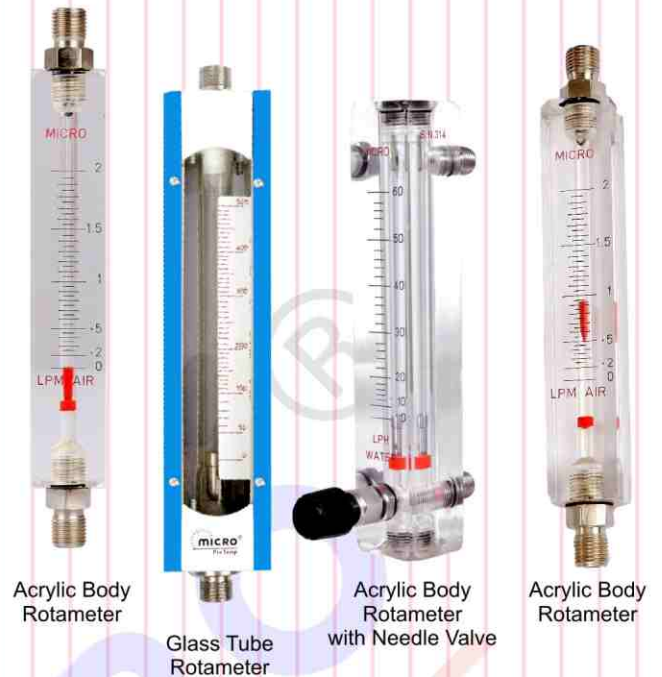
Heavy Duty Borosilicate

Maximum Temperature:

Up to 200°C depending upon gland packing material

Maximum Pressure:

As per the range and size of the borosilicate glass



Acrylic Body Rotameter:

Metering Body:

Transparent solid acrylic block

Maximum Temperature:

Up to 80°C