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**INSTRUMENTS**  
**PVT. LTD.**



## METAL TUBE ROTAMETER

Metal Tube Rotameter is a Variable Area Flow Meter. It consists of a tapered tube, typically made of steel with a 'float', made of SS or PTFE. The differential pressure across the annulus area is constant. The float moves through the tapered tube up and down with respect to fluid flow. The vertical position of the float as indicated by scale is the measure of the instantaneous flow rate.

Various Features :

- Heavy Duty Design with Maximum Visibility
- Two Tone Powder Coated Excellent Finish
- No Threads in Body, Avoids Corrosion
- Easy to Maintain and Replace
- Suitable for on High Pressure application
- Single Piece (Joint-less) PTFE/ PFA/ PP cladded end connections

## SPECIFICATIONS :

Material of Construction :SS 316 / PTFE  
Float : SS 316 / PTFE  
Tube : SS 316  
Enclosure: SS Buffed / Die Cast Aluminum  
Line Size from 15 NB to 100NB

Ranges between 25 LPH to 60000LPH  
Face-To-Face Distance : 250mm  
Accuracy : +/- 2% of FullScale  
Measuring Span : 1:10  
Scale : Acrylic / Aluminum / SS



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