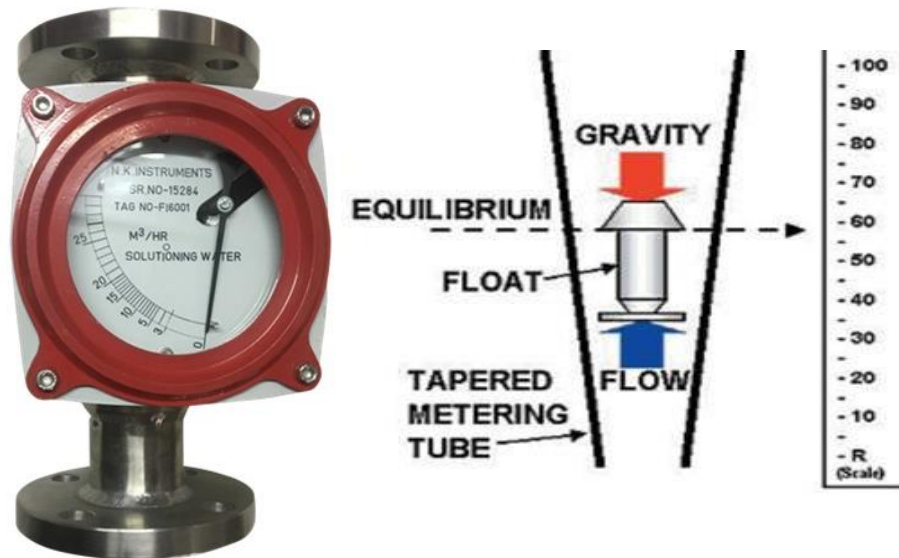




## Analog Metal Tube Rotameter (Metal body Variable Area type)

NK Instruments Pvt. Ltd. have Analogue type Metal Tube Rotameters. Glass Tube Rotameters has a basic drawback of parallax. Analog type Metal Tube Rotameters preclude the problems in conventional glass tube rotameters. Also these Rotameters are suitable for application where high Pressure, high Temperature or, corrosive conditions are present.

Flowmeter design to measure flow rate of liquids, gases & steam under critical conditions. It consists of a tapered metal tube, an indicating assembly and a float. A magnetic float in a tapered metal tube is magnetically connected with a rotating magnet connected to an indicating pointer, thus the movement of the float, is accurately indicated in terms of flow Rate.



Simplified piping and reduced space requirements.

Permanent magnetic link between metering float and motion position

Precision swaged metering tube.

Heavy duty welded float and guide construction.

Guide cartridges easily removable for cleaning

### CONTACT DETAILS

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## General Specifications

- Accuracy: +/- 2% F.S.R
- Repeatability: 0.5%
- Rangeability: 10:1
- Scale length: Max. 160 degree Angular
- Pressure Ratings: Standard 10 bar (Max. up to 300 Bar)
- Connections: Flanged OR Screwed
- Enclosure: IP 55 OR IP 65 on request
- Tube: 316SS, 316LSS, 304SS, PP
- Indicator Box: Cast Al.
- End Fitting: 316SS, 316LSS, 304SS,
- Range: As per requirement can be printed in LPH, LPM, Kg/hr, m<sup>3</sup>/hr, Nm<sup>3</sup>/hr, CFH or, CFM.
- Suitable to measure flow rate of opaque/translucent liquid, gases, Steam and vapour under critical operating conditions
- Available in SS-316/ SS-304/P.P construction and flanged from 25 NB to 150 NB pipe size.
- 4 to 20 mA output in proportion with the measured Flow Rate, also can be provided.
- Can be provided with Heating Jacket also.

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