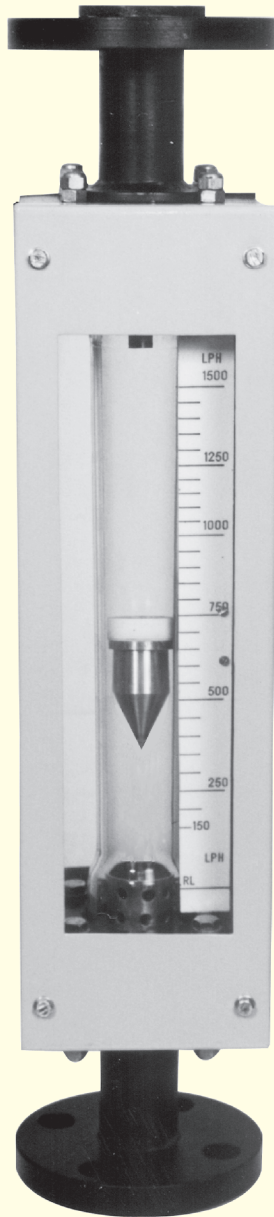




Rotameter

Glass Tube
Variable Area Flowmeter



Operating Principle

Glass Tube Rotameter is basically a Variable Area Flow Meter. The differential pressure across the annulus area is constant and the flow rate is measured as a function of the annulus area. This area is displayed as the position of a "Float".

Standard Features

- * Various Material of Construction
- * Line Size from 15 NB to 80 NB
- * Heavy Duty Design with Maximum Visibility
- * Ranges between 2.0 LPH to 25000 LPH
- * Two Tone Powder Coated Excellent Finish
- * No Threads in Body, Avoids Corrosion
- * Face-To-Face Distance : 500 mm
- * Accuracy : +/- 2% of Full Scale
- * Easy to Maintain and Replace
- * Suitable for on Line Installation
- * Measuring Span : 1:10
- * Glass : Borosilicate
- * Linear Scale
- * Single Piece (jointless) PTFE/ PFA/ PP claded end connections
- * Float is provided with PTFE Indicating Ring which minimizes breakage of Glass Tube



Tansa Equipments Pvt. Ltd.

Unit No. 35/36/41, Om Anand Industrial estate, M. S. Road, Raghunath Nagar, Thane - 400604 (Maharashtra) India.
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Website : www.tansa.co.in, www.rotameters.co.in, www.orificeplate.in, www.flowmetersindia.com



We also manufacture Metal Tube, Purge type, Acrylic body, by - Pass Rotameters & Orifice Assy.

● Due to continuous development specifications are subject to change without prior notice.

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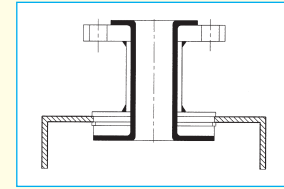


Rotameter

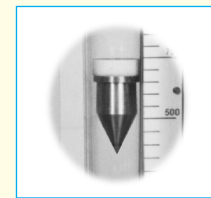
Glass Tube
Variable Area Flowmeter

Measuring Range in LPH of H₂O @ T :- Ambt/Pr : - Atm

NB	Model No.	With PTFE Float LPH	With SS 316 Float LPH	Max. Pressure Drop in mmwc	Test Pressure
152025405080	TG 1	2-20	3-30	140	15
	TG 2	3-30	6-60		
	TG 3	4-40	10-100		
	TG 4	6-60	20-200	350	15
	TG 5	8-80	30-300		
	TG 6	12-120	40-400		
	TG 7	18-180	60-600		
	TG 8	20-200	80-800	600	12
	TG 9	40-400	100-1000		
	TG 10	50-500	150-1500		
	TG 11	80-800	250-2500		
	TG 12	90-900	300-3000	900	9
	TG 13	100-1000	350-3500		
	TG 14	150-1500	400-4000		
	TG 15	200-2000	600-6000		
	TG 16	250-2500	700-7000	900	7
	TG 17	400-4000	1000-10000		
	TG 18	500-5000	1500-15000		
	TG 19	600-6000	2000-20000	900	5
	TG 20	800-8000	2500-25000		



PTFE - SINGLE PC (NO JOINT) CLADDING
100% SPARK PROOF



Float with PTFE Ring avoids glass to metal contact and minimizes possibility of Glass Tube breakage

DATA REQUIRED FOR OFFER

- 1) Tag No.
- 2) Material of Construction of Wetted parts
- 3) Type of Connection
- 4) Flange Size / Rating
- 5) Fluid
- 6) Fluid Density / Sp. Gravity
- 7) Viscosity at Operating Conditions
- 8) Operating Pressure
- 9) Operating Temperature
- 10) Measuring Range

SN	Type	1	2	3	4	5	6
A	Enclosure	MS Powder Coated	SS Powder Coated	SS Buffed	-	-	-
B	Flange - NB	15	20	25	40	50	80
C	Flange Specifications	ASA-150	BS10-T-E	BS10 T-F	Din-10	-	-
D	MOC Wetted	CS	SS304	SS316	CS-PTFE	CS-PP	-
E	Float - MOC	SS316	PTFE	PVC	Aluminium	-	-
F	Flange - MOC	CS	SS304	SS316	-	-	-
G	PTFE Enve. Gland Packing	Nitrile	Silicon	Viton	-	-	-

Enclosure	Flange -	Flange Specifications	MOC Wetted	Float - MOC	Flange - MOC	PTFE Enve. Gland Packing
MS Powder Coated	25NB	BS10-T-E	CS-PP	SS316	SS316	Nitrile
A1	B3	C2	D5	E1	F3	G1

← **Sample Order Code**



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