

GLASS TUBE ROTAMETER

The glass tube rotameter is precision formed of borosilicate glass, and the float is precisely machined from metal, or plastic. The metal float is usually made of stainless steel to provide corrosion resistance. The float has a sharp metering edge/maximum diameter where the reading is observed by means of a scale mounted alongside the tube. End fittings and connections of various materials and styles are available.

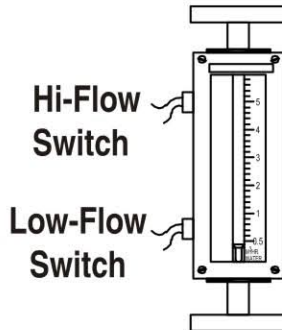


SPECIFICATIONS SERIES FL-GT

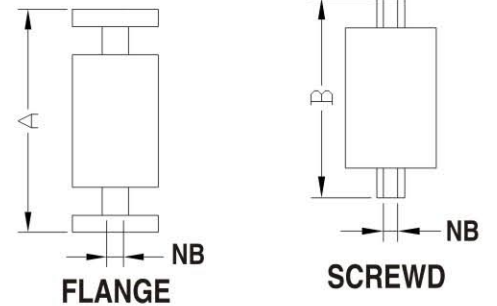
Meter Body	:	Powder coated M.S. optional SS 304, SS 316 etc.
Float	:	SS 316L, SS 316, PTFE, Monel, PVC etc.
Wetted Parts	:	SS 316L, SS 316, SS 304, MS PTFE, PVC, P.P., Monel etc.
Packings	:	Neoprene, PTFE, Silicon etc.
Tube	:	Borosilicate glass
Scale Length	:	175-225 mm
Temperature Max.	:	Upto 200 °C depends on gland Packing material.
Connections	:	Flanged, threaded etc.
Accuracy	:	±2% of full scale.
Repeatability	:	0.5%
Rangeability	:	10:1
Accessories	:	Hi- low flow switch, Steam jacketed

OVERALL DIMENSIONS

NB	A	B	C	D	E
15	500	425	440	55	90
20	500	425	440	60	90
25	500	425	440	65	115
40	500	425	500	85	140
50	500	450	500	85	155
65	500	N/A	500	N/A	190
80	500	N/A	500	N/A	190



VERTICAL



STANDARD RANGES

NB	Models	FLOW RATES		Pressure Rating KG/CM ²	Pressure Drop MM WG
		Water At 20°C LPH	Air At Amb. Temp. Nm ³ /Hr		
15	FL-GT-10	10-100	0.3-3	20	250
		25-250	0.8-8		
20	FL-GT-10	50-500	1.5-15	20	360
		60-600	1.8-18		
25	FL-GT-20	100-1000	3-30	12	650
		200-2000	6-60		
		300-3000	8-80		
40	FL-GT-30	400-4000	12-120	9	650
		500-5000	15-150		
50	FL-GT-40	600-6000	18-180	7	850
		80-8000	24-240		
		1000-10000	30-300		
		1200-12000	.....	
50 & 65	FL-GT-50	1500-15000	.....	5	950
		2000-20000	.....	5	950
	
80	FL-GT-60	3000-30000	.....	5	1100
		8000-40000	.....	5	1100

REAR

