



The Need For Every
Process Industry



**ACRYLIC
BODY
ROTAMETER**

MODEL: SC / R - 500

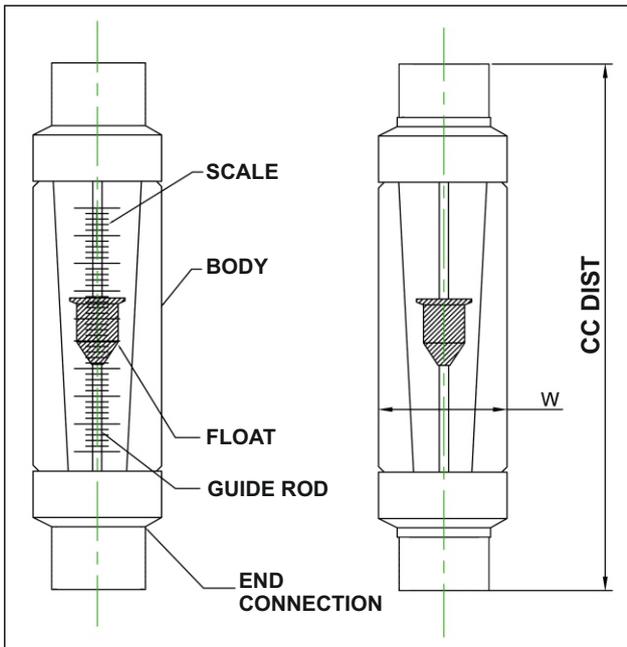
FLOW

ACRYLIC BODY ROTAMETER

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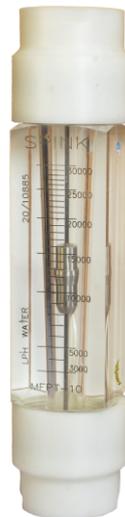


Acrylic Body Rotameter is an instrument used to measure instant flow rate of Liquids and Gases and are commonly used for flow measurement. We are leading manufacturer of Acrylic Body Rotameter, supplier of Acrylic Body Rotameter in Mumbai, India.



ENGINEERING SPECIFICATION

MAXIMUM RANGE	: WATER UP TO 50 m ³ /hr, AIR UP TO 1500 nm ³ /hr
LINE SIZE	: 1/4" to 4"
RANGE ABILITY	: 10:1
REPEATABILITY	: ±0.5 %
ACCURACY	: ±2 % of FSR
TEMPERATURE RATING	: 60° C
PRESSURE RATING	: 10 kg/cm ²
BODY / METERING TUBE	: ACRYLIC
MATERIAL OF WETTED PART	: SS304 / SS316 / PP / MS
FLOAT	: SS304 / SS316 OR SUITABLE TO SERVICE
SCALE	: ENGRAVED ON METER BODY
OPTIONAL	: NEEDLE VALVE / WALL MOUNTING
C/C DISTANCE	: 190 mm to 450 mm
END CONNECTION	: FLANGED / TC / SCREWED (NPT / BSP)
MOUNTING POSITION	: VERTICAL



FLOW CHART

Flow Range (0°C, 1 ATM)		C/C Distance (mm)	Line size		Flow Element	Pressure Rating kg/cm ² -g
Air (LPM)	Water (LPH)		BSP M/F	Flange		
50	100	190	1/4"	-	1A	2
			1/2"	-	1B	
300	600	190	1/4"	-	2A	
			1/2"	-	2B	
1250	2500	250/275/375	1/2"	1/2"	3A	5
			3/4"	3/4"	3B	
			1"	1"	3C	
3000	6000	300/325	3/4"	3/4"	4A	
			1"	1"	4B	
			1.5"	1.5"	4C	
4000	8000	400/450	1"	1"	5A	15
			1.5"	1.5"	5B	
7500	15000	400/450		1.5"	6A	
				2"	6B	
				2.5"	6C	
				3"	6D	
10000	20000	400/450		2"	7A	
				2.5"	7B	
				3"	7C	
20000	40000	450		2"	8A	
				3"	8B	
				4"	8C	
25000	50000	450		3"	9A	
				4"	9B	
40000	80000	450		3"	10A	
				4"	10B	

MODEL SELECTION

Suffix Code	1	2	3	4	5	6	Parameters
Model No.	SC/R-500						
Line size		XX					Refer the Flow chart
Fluid			L				Liquid
			G				
Material of End fitting				EF1			SS304
				EF2			SS316
				EF3			Mild steel
				EF4			Poly Propylene
End Connection				S			Screwed (NPT/BSP)
				F			Flange ASA 150# RF
				TC			Tri-Clover
Optional						NV	Needle Valve
						WM	Wall Mounting



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Plant 2

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