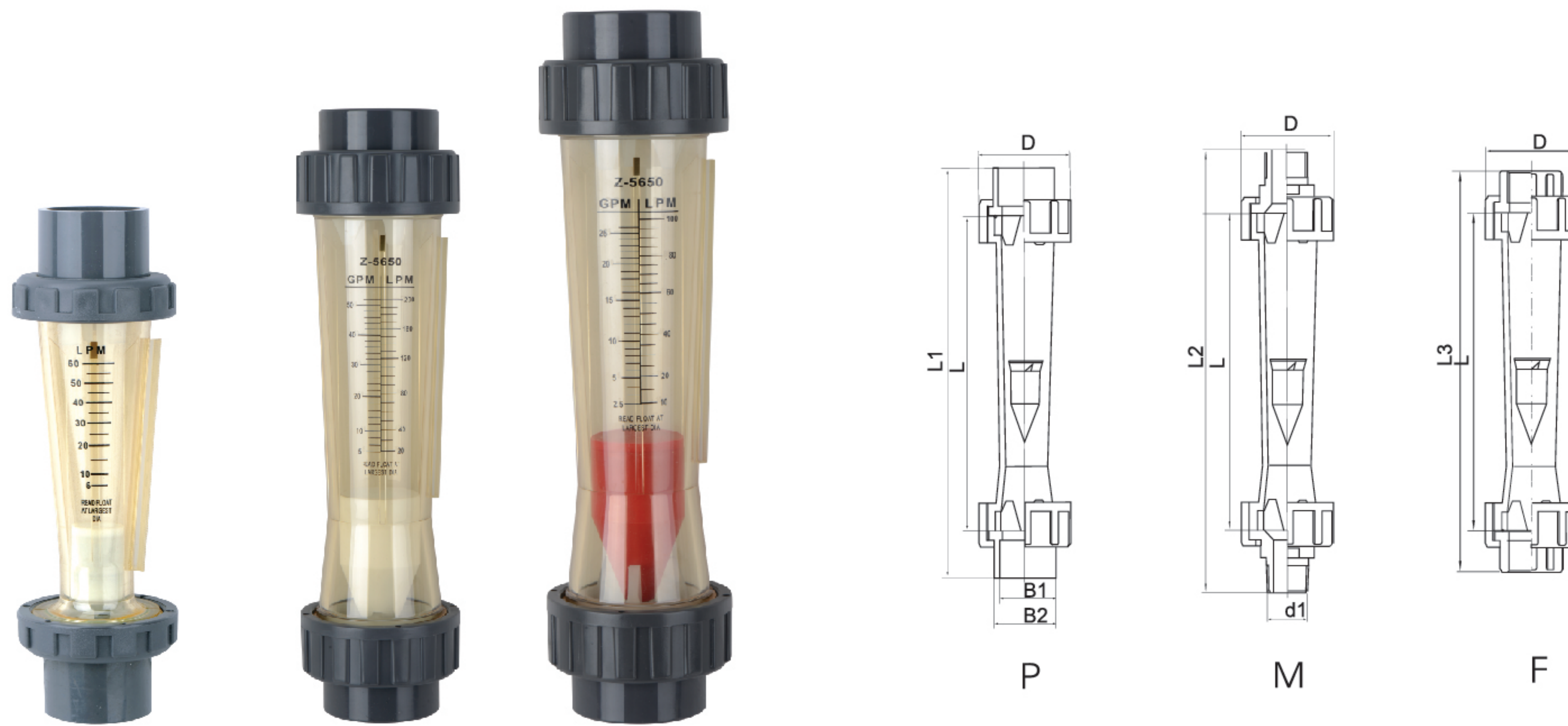


The Series Z-560 Polysulfone Rotameter

Transparent tube, easy to read, with excellent corrosion resistance



The Series Z-560 Polysulfone Rotameter is a variable area flowmeter. Its measuring tube is made of transparent engineering plastic. As fluid passes through the pipe, the float suspends itself under the influence of fluid dynamics and gravity. The greater the fluid flow, the higher the float rises, allowing direct reading of the flow value from its position. With high transparency, impact resistance, and excellent chemical compatibility, this polysulfone tube flowmeter becomes a preferred tool for laboratories, food & pharmaceutical industries, and measurement of corrosive media with small to medium flow rates. Its lightweight design, low cost, and ease of observation give it significant advantages in all applications.

SPECIFICATIONS	
Service	Compatible liquids
Material	Body: Polysulfone; Seal: Viton; Float: PP or PTFE, PVDF (Z-5615)
Accuracy	±5%
Temperature Rating	socket and spigot joint ≤60°C, thread connection ≤100°C
Pressure Rating	Less than 1.0MPa
Connection	Optional connections: external thread, Internal thread, socket and spigot joint, elbow joint

FEATURES

- Polysulfone material with excellent corrosion resistance
- The rotor floats with the fluid, no mechanical wear, low maintenance costs, and a long service life.
- Lightweight and cost-effective, it provides an economical flow measurement solution.
- Installed vertically without requiring straight pipe sections.
- The transparent pipe allows for direct observation of the fluid status and rotor position, facilitating easy reading.

APPLICATIONS

- Pharmaceutical Industry
- Semiconductor Industry
- Food and Beverage Industry
- Urban Water Supply and Drainage
- Environmental Protection
- New Energy Industry
- Scientific research institution

MODEL CHART						
Example	Z-56	15	-0.5GPM-5GPM	-M	-3	-U
Series	Z-560					Polysulfone Rotameter
Pipe Size		15				Please refer to the technical specification, outline dimension
		20				Please refer to the technical specification, outline dimension
		25				Please refer to the technical specification, outline dimension
		32				Please refer to the technical specification, outline dimension
		50				Please refer to the technical specification, outline dimension
Flow Range			XXXXXXXX			Please select the flow range in the technical specification, for example "0.5GPM-5GMP"
Connection				P		Socket and spigot joint
				M		External Thread
				F		Internal Thread
				W		Elbow joint
Float Material					1	PP (applicable -25, -32, -50)
					2	PVDF (applicable -15, -20)
					3	PTFE (applicable -25, -32, -50)
Alarm Output					U	High alarm only
					D	Low alarm only
					M	Both high and low alarms
					N	No alarm output

Specifications

Model	Liquid		Pipe insert (P)	Male Thread (M)	Female Thread (F)	90° Elbow (W)
	GPM	LPM				
Z-5615	0.25~2.5	1~10	ø20	3/4"NPT 1/2"NPT	1/2"BSP	1/2"NPT 1/2"BSP
	0.5~5	2~20				
	0.7~7	2.5~25				
	1~11	4~40				
	--	3~30				
	--	5~50				
Z-5620	--	6~60	ø33.7	--	--	--
	--	8~80				
Z-5625	1~10	4~40	ø32	3/4"NPT	3/4"NPT 3/4"BSP	3/4"NPT 3/4"BSP
	1.2~12	5~50				
	1.5~15	6~60				
	--	8~80				
Z-5632	1.5~15	6~60	ø40	1"NPT	1"NPT 1"BSP	1"NPT 1"BSP
	1.8~18	7~70				
	2~20	8~80				
	--	--				
Z-5650	2.5~25	10~100	ø63	2"NPT	2"NPT 2"BSP	2"NPT 2"BSP
	5~50	20~200				
	7~70	25~250				
	8~80	30~300				
	--	50~500				
	--	80~800				

Size

Model	L	D	Pipe Insert (P)			Male Thread (M)	Female Thread(F)	Weight (kg)
			L1	B1	B2			
			L2	L3				
Z-5615	170	50	180	20	26	217	216	0.4
Z-5620	123	60.5	192	33.7	44.8	211	192	0.45
Z-5625	199	59	255	32	39	281	254	0.5
Z-5632	249	72	310	40	49	338	315	1
Z-5650	290	120	375	63	73	400	370	3