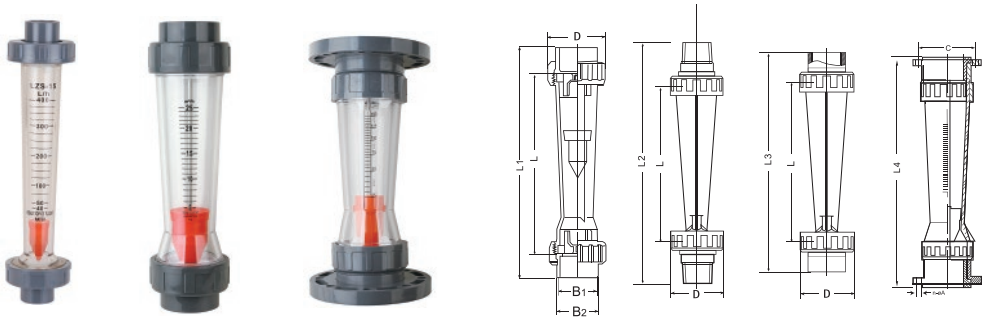
The Series LZS Plastic Rotameter

Made of engineering plastics with corrosion resistance, lightweight, and low cost.



The Series LZS Plastic Rotameter is a variable area flowmeter. Its core structure consists of a vertically installed conical plastic tube and a rotor (float) that can float up and down inside the tube. When fluid flows through the pipe, the rotor is suspended by the combined forces of hydrodynamic force and its own gravity. The greater the fluid flow rate, the higher the rotor rises, allowing the flow value to be read directly from the rotor's position. With advantages such as corrosion resistance, simple structure, and low cost, the Series LZS Plastic Rotameter plays an irreplaceable role in measuring small to medium flow rates of corrosive media. It is especially suitable for industries with high requirements for installation convenience and safety. The appropriate type of flowmeter should be selected based on specific working conditions.

SPECIFICATIONS	
Service	Water or other compatible liquids
Material	Cone tube: AS; Float: ABS; Connection: PVC
Accuracy	±5%
Temperature Rating	0℃ to 60℃
Pressure Rating	Less than 0.6MPa
Connection	Optional connections: socket and spigot joint,flange, external thread, Internal thread, elbow joint
Alarm output	Optional alarm switch

FEATURES

- ·The rotor floats with the fluid, no mechanical wear, low maintenance costs, and a long service life
- ·Alarm switch output is available
- ·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
- ·No power supply is needed, making it suitable for explosion-proof applications or a location without electricity

APPLICATIONS

- ·Petrochemical Industry
- ·Metallurgical Industry
- ·Textile Industry
- ·Pharmaceutical Industry
- ·Semiconductor Industry
- ·Food and Beverage Industry
- ·Paper and Pulp
- ·Power Plants
- ·Urban Water Supply and Drainage
- ·Environmental Protection
- ·New Energy Industry
- ·Shipbuilding Industry
- ·Scientific research institution

MODEL CHART

Example	LZS	-15	-10L/h - 100L/h	-F	
Series	LZS				Plastic Rotameter
Model		15			DN15, Please refer to the technical specification, outline dimension
		25			DN25, Please refer to the technical specification, outline dimension
		32			DN32, Please refer to the technical specification, outline dimension
		50			DN50, Please refer to the technical specification, outline dimension
		65			DN65, Please refer to the technical specification, outline dimension
		80			DN80, Please refer to the technical specification, outline dimension
		100			DN100, Please refer to the technical specification, outline dimension
		125			DN125, Please refer to the technical specification, outline dimension
		150			DN150, Please refer to the technical specification, outline dimension
Range			XXXXXXXX		Please select the flow range in the technical specification, for example, "10L/h - 100L/h"
Connection				P	Socket and spigot joint
				M	External Thread
				F	Internal Thread
				W	Elbow joint

Specifications

DN (mm)	Model	Measuring range m³/h	Glue (id)	Male	Female	Elbow
15	LZS-15 flange is optional	10~100 L/h 16~160 L/h 25~250 L/h 40~400L/h 60~600 L/h 100~1000 L/h	Ø20	1/2"NPT 3/4"NPT	BSP 1/2"	BSP 1/2" NPT 1/2"
25	LZS-25 flange is optional	0.1~1 0.16~1.6 0.25~2.5	Ø32	3/4"NPT	BSP 3/4" NPT3/4"	BSP 3/4" NPT 3/4"
32	LZS-32 flange is optional	0.4~4 0.6~6	Ø40	1"NPT	BSP 1" NPT1"	BSP1" NPT1"
50	LZS-50 flange is optional	0.4~4 0.6~6 1~10 1.6~16	Ø63	2"NPT	BSP 2" NPT 2"	BSP 2" NPT 2"
65	LZS-65 flange is optional	5~25 8~40 12~60	Ø75	/	NPT 2½"	/
100	LZS-100 Uni flange	12~60 18~90 20~120	Ø110	Hole distance 180mm 8-ø18		
125	LZS-125 Uni flange	12~60	Ø110	Hole distance 210mm 8-ø18		
150	LZS-150 Uni flange	18~90 20~120 25~150 30~180	Ø110	Hole distance 240mm 8-ø22		

Note: LIS100/125/150 use Uni flange (DIN/JISIOK/ANSI150)

Uni flange size

DN (mm)	L4	C	n-φA
15	290	65	4-ø14
25	310	85	4-ø14
32	370	100	4-ø18
50	470	125	4-ø18
65	525	145	4-ø18
80	525	160	8-ø18
100	510	180	8-ø18
125	510	210	8-ø18
150	510	240	8-ø22

Glue Size

DN (mm)	L1	L	B1	B2	D
15	221	171	20	26	53
25	227	171	32	39	59
32	288	224	40	50	72
50	377	290	63	73	98
65	425	325	75	89	120

Female thread size

DN (mm)	L3	L	D
15	215	171	53
25	225	171	59
32	288	224	72
50	400	290	98
65	425	325	120

Male thread size

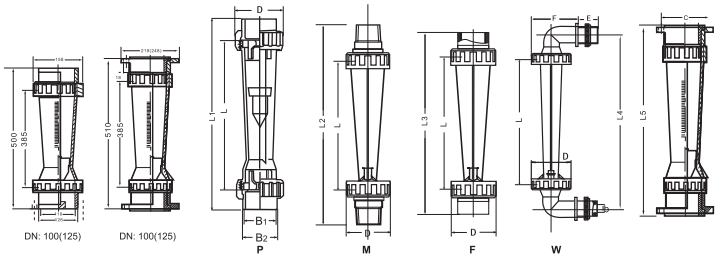
DN (mm)	L2	L	D
15	237	171	53
25	252	171	59
32	315	224	72
50	395	289	98

NINGBO KIO FLOW INSTRUMENTS CO., LTD

FLOWTECH®

The Series Z-500 Plastic Rotameter

Easy to read, convenient to disassemble and clean, low cost, optional PC transparent main tube



The Series Z-500 Plastic 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 plastic 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	See the list of materials
Accuracy	±5%
Temperature Rating	0℃ to 60℃
Pressure Rating	Less than 0.6MPa
Connection	Optional connections: external thread, Internal thread, socket and spigot joint, elbow joint

FEATURES

·The rotor floats with the fluid, no mechanical wear, low maintenance costs, and a long service life.

·Alarm switch output is available.

·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-50	15	-0.5GPM-5GPM	-P	-M	-3	
Series	Z-500						Plastic Rotameter
Pipe Size		08					Please refer to the technical specification, outline dimension and material list
		08C					Please refer to the technical specification, outline dimension and material list
		15					Please refer to the technical specification, outline dimension and material list
		25					Please refer to the technical specification, outline dimension and material list
		32					Please refer to the technical specification, outline dimension and material list
		50					Please refer to the technical specification, outline dimension and material list
		65					Please refer to the technical specification, outline dimension and material list
		100					Please refer to the technical specification, outline dimension and material list
		125					Please refer to the technical specification, outline dimension and material list
Flow Range			XXXXXXXX				Please select the flow range in the technical specification, for example, "0.5GMP-5GMP"
Body Material				P			PC Polycarbonate
				A			AS Engineering Plastic
Connection					P		Socket and spigot joint
					M		External Thread
					F		Internal Thread
					W		Elbow joint
Float Material						1	ABS Engineering Plastic
						2	304 Stainless Steel
						3	316 Stainless Steel

Specifications

Model	Liquid (GPM)	Liquid (LPM)	Socket Weld	Male Thread	Female Thread	90° Elbow (W)
Z-5008	0.1~1 0.2~2 0.5~5	0.5~4 1~7 1.8~18	ø20	1/2"BSP 1/2"NPT	/	1/2"NPT 1/2"BSP
Z-5008C	0.1~1 0.2~2 0.5~5	0.5~4 1~7 1.8~18	ø20	1/2"NPT 3/4"NPT	/	1/2"NPT 1/2"BSP
Z-5015	0.25~2.5 0.5-5 0.8-8	1~10 1.8~18 3~30	ø20	1/2"NPT 3/4"NPT	1/2"BSP	1/2"NPT 1/2"BSP
Z-5025	0.8-8 1-10	3-30 4-40	ø32	3/4"NPT	3/4"NPT 3/4"BSP	3/4"NPT 3/4"BSP
Z-5032	1.2~12 2-20 2.5-25	5-50 8-80 10-100	ø40	1"NPT	1"NPT 1"BSP	1"NPT 1"BSP
Z-5050	2.5-25 5-45 7-70	10-100 20-180 25-250	ø63	2"NPT	2"NPT 2"BSP	2"NPT 2"BSP
Z-5065	25~110 40-160 50~250	80-400 150-650 200-1000	ø75	/	2½"NPT	/
Z-50100	12~60(m³/h) 18~90(m³/h) 20~120(m³/h) 25~150(m³/h) 30~180(m³/h)		ø110	Center hole distance 180mm 8-ø18		
Z-50125			ø110	Center hole distance 210mm 8-ø18		

Material

Model	Body Material	Pipe Insert (P)	Male Thread (M)	Female Thread (F)	90° Elbow (W)	Float Material
Z-5008	PC,PSU	PVC	PA6	PA66	PVC	316
Z-5008C	PC,PSU	PVC	PA6	PA66	PVC	316
Z-5015	PC,PSU	PVC	PA6	PA66	PVC	316
Z-5025	PC	PVC	PA6	PA66	PVC	ABS,304
Z-5032	PC	PVC	PA6	PA66	PVC	ABS,304
Z-5050	PC,PSU	PVC	PA6	PA66	PA6	ABS,304
Z-5065	AS	PVC		PA66		ABS
Z-50100	AS	PVC				ABS
Z-50125	AS	PVC				ABS

Size

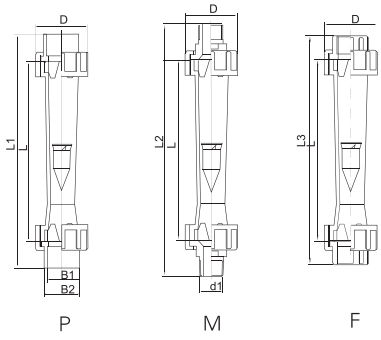
Model	L	D	Pipe Insert (P) L1	B1	B2	Male Thread (M) L2	Female Thread (F) L3	90° Elbow (W) L4	E	F	b	Flange L5	C	Weight (kg)
Z-5008	99	42	146	20	26	170	/	153	27	55	ø12	/	/	0.15
Z-5008C	160	51	210	20	26	230	209	235	27	55	ø13	/	/	0.2
Z-5015	135	51	180	20	26	210	183	205	27	55	ø13	255	65	0.2
Z-5025	170	59	226	32	39	253	228	267	35	83	ø20	310	85	0.4
Z-5032	223	72	287	40	49	317	287	330	40	95	ø26	370	100	0.65
Z-5050	290	100	375	63	73	400	370	440	40	120	ø45	465	125	2.5
Z-5065	325	120	420	75	89	/	423	/	/	/	/	525	145	3.5

NINGBO KIO FLOW INSTRUMENTS CO., LTD

FLOWTECH®

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℃, thread connection ≤100℃
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 0.5~5 0.7~7 1~11 -- -- --	1~10 2~20 2.5~25 4~40 3~30 5~50 6~60	ø20	3/4"NPT 1/2"NPT	1/2"BSP	1/2"NPT 1/2"BSP
Z-5620	--	6~60 8~80	ø33.7	--	--	--
Z-5625	1~10 1.2~12 1.5~15 –	4~40 5~50 6~60 8~80	ø32	3/4"NPT	3/4"NPT 3/4"BSP	3/4"NPT 3/4"BSP
Z-5632	1.5~15 1.8~18 2~20	6~60 7~70 8~80	ø40	1"NPT	1"NPT 1"BSP	1"NPT 1"BSP
Z-5650	2.5~25 5~50 7~70 8~80 -- --	10~100 20~200 25~250 30~300 50~500 80~800	ø63	2"NPT	2"NPT 2"BSP	2"NPT 2"BSP

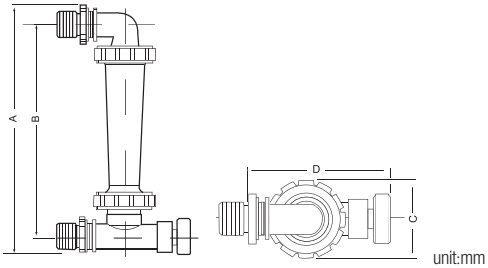
Size

Unit:mm

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

The Series Z-500T Panel-mount Rotameter

Equipped with a valve to control the flow, the valve material is Polypropylene



unit:mm

The Series Z-500T Panel-mount 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 Panel-mount Rotameter 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 Liquid
Material	See material list
Accuracy	±6%
Temperature Rating	0℃ to 60℃
Pressure Rating	Less than 0.6MPa
Connection	1/2" NPT male thread
Weight	0.2Kg

FEATURES

·Easy to panel-mount with a control valve

·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

Specifications

Model	Liquid		Male Thread (M)	Accuracy	Weight (kg)
	GPM	LPM			
Z-5008T	0.1~1 0.2~2 0.5~5 -- --	0.5~4 1~7 1.8~18 1~11 2~20	1/2"NPT	± 6%	0.2
Z-5008CT	0.1~1 0.2~2 0.5~5 --	0.5~4 1~7 1.8~18 2~15	1/2"NPT		
Z-5015T	0.25~2.5 0.5~5 0.8~8	1~10 1.8~18 3~30	1/2"NPT		
Z-5015CT	10~100, 16~160 L/h 25~250, 40~400 L/h		1/2"NPT		

MODEL CHART

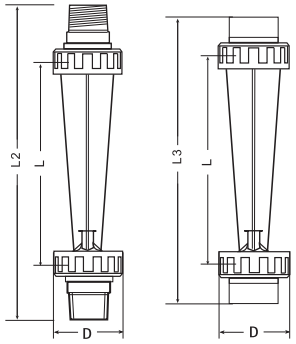
Example	Z-50	15T	-0.5GPM-5GPM	-P	
Series	Z-500T				Panel-mount Rotameter
Pipe Size		08T			Please refer to the technical specification, outline dimension: AxBxCxDxE = 185x152x42x98x21xΦ21
		08CT			Please refer to the technical specification, outline dimension: AxBxCxDxE = 260x232x51x98x21xΦ21
		15T			Please refer to the technical specification, outline dimension: AxBxCxDxE = 270x240x51x98x21xΦ21
		15CT			Please refer to the technical specification, outline dimension: AxBxCxDxE = 270x240x51x98x21xΦ21
Flow Range			XXXXXXXX		Please select the range in the technical specification, for example "0.5GPM-5GMP"
Body Material				P	PC Polycarbonate
				A	PSU polysulfone

Specifications

Model	A	B	C	D	E	Thread	Connection Material	Float Material
Z-5008T	185	152	42	98	ø21	1/2″NPT	PVC	316SS
Z-5008CT	260	232	51	98	ø21	1/2″NPT	PVC	316SS
Z-5015T	235	205	51	98	ø21	1/2″NPT	PVC	304/316SS
Z-5015CT	270	240	51	98	ø21	1/2″NPT	PVC	ABS

The Series Z-5010 Plastic Rotameter

Transparent body, clear reading



The Series Z-5010 Plastic 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 plastic 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.

FEATURES

·The rotor floats with the fluid, no mechanical wear, low maintenance costs, and a long service life.

·Alarm switch output is available.

·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

SPECIFICATIONS	
Service	Compatible liquids
Material	Body: AS, PVC; Connection: PVC; Float: 304 stainless steel (Models 5014-5017), PMMA (Models 5011-5013)
Accuracy	±5%
Temperature Rating	0℃ to 60℃
Pressure Rating	Less than 0.6MPa
Connection	Optional connections: thread connection, socket and spigot joint

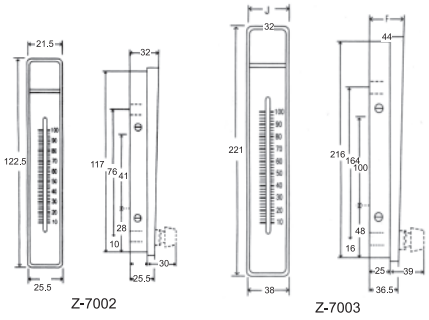
MODEL CHART				
Example	**Z-50**	**12**	**-ZG 1/2”**	
Series	Z-5010			Plastic Rotameter
Flow Range		11		0.2 LPM - 3 LPM
		12		0.4 LPM - 4 LPM
		13		0.6 LPM - 6 LPM
		14		1 LPM - 10 LPM
		15		1.6 LPM - 16 LPM
		16		2.5 LPM - 15 LPM
		17		5.0 LPM - 50 LPM
Connection			XXXXXXXX	Please refer to the technical specification

Specifications

Model	Liquid (LPM)	Socket Weld	Thread
Z-5011	0.2~3	ø20 L:182mm	BSPT 1/2” Female L:183mm BSPT 3/4” Male L:211mm
Z-5012	0.4~4		
Z-5013	0.6~6		
Z-5014	1~10		
Z-5015	1.6~16		
Z-5016	2.5~25		
Z-5017	5.0~50		

The Series Z-7000 Polycarbonate Flowmeter

Compact and easy to disassemble, convenient for maintenance, with clear reading



The Series Z-7000 Polycarbonate Flowmeter is a variable area flowmeter whose measuring tubes are made of PC polycarbonate 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 polycarbonate 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 or Gases
Material	PC Polycarbonate
Accuracy	±5%
Temperature Rating	0℃ to 60℃
Pressure Rating	Less than 0.6MPa

FEATURES

·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

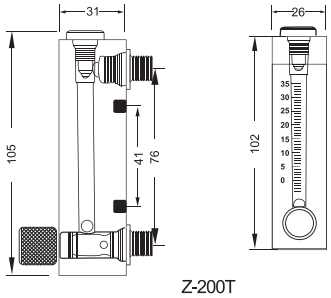
MODEL CHART				
Example	**Z-70**	**02**	**-0.5GPM - 5GPM**	
Series	Z-7000			Polycarbonate Flowmeter
Flow Range		02		Please refer to the technical specification
		03		Please refer to the technical specification
Connection			XXXXXXXX	Please refer to the technical specification

Specifications

Model	Measurement Range		Accuracy	Working conditions		Connection
	Liquid L/min	Air L/min		Pressure	Temperature	
Z-7002	0.3~1.5 1~2 1~3	50~500ml/min 250~2500ml/min 0.5~5 1~10 5~25 7~70 5~50 10~100	±5%	≤0.6MPa	0 ~ +60℃	1/8"PTF
Z-7003	0.5~4 0.7~7 1~9	10~100 20~200 30~300				1/4"PTF

The Series Z-200/Z-200T Acrylic Flowmeter

Solid acrylic block production, sturdy and durable



Z-200T

The Series Z-200/Z-200T Acrylic Flowmeter is a variable area flowmeter whose measuring tubes are made of a solid acrylic block. 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 acrylic 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.

FEATURES

·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

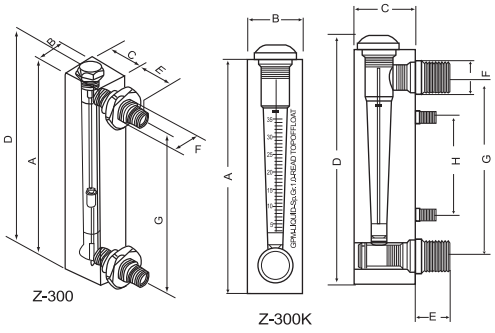
·Scientific research institution

SPECIFICATIONS	
Service	Compatible liquids or Gases
Material	Body: Acrylic; O-ring: Silicone Rubber; Connection: Brass, optional 304 Stainless Steel
Accuracy	±5%
Temperature Rating	0℃ to 55℃
Pressure Rating	Less than 0.6MPa
Connection	1/4" BSPT female thread

MODEL CHART		
Model	**Z-2001-6M1**	For liquid: 2L/h - 20L/h, without valve
	Z-2001-6M2	For liquid: 4L/h - 40L/h, without valve
	Z-2001-6M3	For liquid: 6L/h - 60L/h, without valve
	Z-2001-6M4	For liquid: 10L/h - 100L/h, without valve
	Z-2001-6T1	For liquid: 2L/h - 20L/h, with valve
	Z-2001-6T2	For liquid: 4L/h - 40L/h, with valve
	Z-2001-6T3	For liquid: 5L/h - 50L/h, with valve
	Z-2001-6T4	For liquid: 6L/h - 60L/h, with valve
	Z-2001-6T5	For liquid: 10L/h - 100L/h, with valve
	Z-2002-6T1	For gas: 60ml/min - 600ml/min, with valve
	Z-2002-6T2	For gas: 0.1LPM - 1LPM, with valve
	Z-2002-6T3	For gas: 0.2LPM - 2LPM, with valve
	Z-2002-6T4	For gas: 1SCFH - 10SCFH/0.5LPM - 5LPM, with valve
	Z-2002-6T5	For gas: 2SCFH - 20SCFH/1LPM - 10LPM, with valve
	Z-2002-6T6	For gas: 4SCFH - 40SCFH/2LPM - 20LPM, with valve
	Z-2002-6T7	For gas: 8SCFH - 80SCFH/4LPM - 40LPM, with valve
	Z-2002-6T8	For gas: 10SCFH - 100SCFH/5LPM - 50LPM, with valve
	Z-2002-6T9	For gas: 20SCFH - 200SCFH/10LPM - 100LPM, with valve

The Series Z-300/Z-300K Acrylic Flowmeter

Solid acrylic block production, sturdy and durable



The Series Z-300/Z-300K Acrylic Flowmeter is a variable area flowmeter whose measuring tubes are made of a solid acrylic block. 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 acrylic 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: Acrylic; O-ring: Silicone Rubber; Connection: 304 Stainless Steel
Accuracy	±5%
Temperature Rating	0℃ to 55℃
Pressure Rating	Less than 0.6MPa

FEATURES

·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.

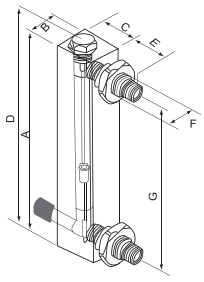
APPLICATIONS

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

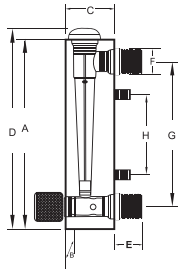
MODEL CHART		
Model	**Z-3000**	Dual Scale: 0.03 GPM - 0.35 GPM / 0.1 LPM - 1.4LPM, BSP 1/2"Male, AxBxCxDxExFxG = 206x34x40x215x31x20x165mm, 0.4Kg
	Z-3001	Dual Scale: 0.2 GPM - 2 GPM / 1 LPM - 7 LPM, BSP 1/2"Male, AxBxCxDxExFxG = 206x34x40x215x31x20x165mm, 0.4Kg
	Z-3002	Dual Scale: 0.5 GPM - 5 GPM / 1.8 LPM-18LPM, BSP 1/2"Male, AxBxCxDxExFxG = 206x34x40x215x31x20x165mm, 0.4Kg
	Z-3003	Dual Scale: 2 GPM - 10 GPM / 5 LPM - 40 LPM, BSP 3/4"Male, AxBxCxDxExFxG = 220x41x45x233x47x33x165mm, 0.6Kg
	Z-3004	Dual Scale: 2 GPM - 16 GPM / 10 LPM - 60LPM, BSP 3/4"Male, AxBxCxDxExFxG = 220x41x45x233x47x33x165mm, 0.6Kg
	Z-3005	Dual Scale: 4 GPM - 24 GPM / 20 LPM - 100 LPM, BSP 1"Male, AxBxCxDxExFxGxH = 240x44x50x253x47x33x175mm, 0.7Kg
	Z-3006	Dual Scale: 5 GPM - 35 GPM / 30 LPM - 130 LPM, BSP 1"Male, AxBxCxDxExFxGxH = 240x44x50x253x47x33x175mm, 0.7Kg
	Z-300K1a	Dual Scale: 0.03 GPM - 0.35 GPM / 0.1 LPM - 1.4 LPM, BSPT 1/2"Male, AxBxCxDxExFxGxH = 168x30x34x176x25x25x127x76mm, 0.3Kg
	Z-300K1	Dual Scale: 0.1 GPM - 1 GPM / 0.5 - 4LPM, BSPT 1/2"Male, AxBxCxDxExFxGxH = 168x30x34x176x25x25x127x76mm, 0.3Kg
	Z-300K2	Dual Scale: 0.2 GPM - 2 GPM / 1 LPM - 7 LPM, BSPT 1/2"Male, AxBxCxDxExFxGxH = 168x30x34x176x25x25x127x76mm, 0.3Kg
	Z-300K2a	Dual Scale: 0.3 GPM - 3 GPM / 2 LPM-11 LPM, BSPT 1/2"Male, AxBxCxDxExFxGxH = 168x30x34x176x25x25x127x76mm, 0.3Kg
	Z-300K3	Dual Scale: 0.5 GPM - 5 GPM / 2 LPM - 18 LPM, BSPT 1/2"Male, AxBxCxDxExFxGxH = 168x30x34x176x25x25x127x76mm, 0.3Kg
	Z-300K4	Dual Scale: 1 GPM - 10 GPM / 5 LPM - 35 LPM, BSPT 1"Male, AxBxCxDxExFxGxH = 226x45x46x232x48x33x165x100mm, 0.6Kg
	Z-300K5	Dual Scale: 2 GPM - 14 GPM / 10 LPM - 50 LPM, BSP T1"Male, AxBxCxDxExFxGxH = 226x45x46x232x48x33x165x100mm, 0.6Kg
	Z-300K6	Dual Scale: 2 GPM - 20 GPM / 12LPM - 70 LPM, BSP T1"Male, AxBxCxDxExFxGxH = 226x45x46x232x48x33x165x100mm, 0.6Kg
	Z-300K7	Dual Scale: 5 GPM - 35 GPM / 10LPM - 130 LPM, BSP T1"Male, AxBxCxDxExFxGxH = 226x45x46x232x48x33x165x100mm, 0.6Kg

The Series Z-300T/Z-300KT Acrylic Flowmeter

Solid acrylic block production, sturdy and durable



Z-300T



Z-300KT

The Series Z-300T/Z-300KT Acrylic Flowmeter is a variable area flowmeter whose measuring tubes are made of a solid acrylic block. 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 acrylic 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: Acrylic; O-ring: Silicone Rubber; Connection: 304 Stainless Steel
Accuracy	±6%
Temperature Rating	0℃ to 55℃
Pressure Rating	Less than 0.6MPa

FEATURES

·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

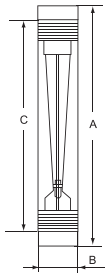
MODEL CHART		
Model	**Z-3000T**	Dual Scale: 0.03 GPM - 0.35 GPM / 0.1 LPM - 1.4LPM, 1/2" BSPT Male, AxBxCxDxExFxG = 206x34x40x215x31x20x165mm
	Z-3001T	Dual Scale: 0.2 GPM - 2 GPM /1 LPM - 7 LPM, 1/2" BSPT Male, AxBxCxDxExFxG = 206x34x40x215x31x20x165mm
	Z-3002T	Dual Scale: 0.5 GPM - 5 GPM/1.8 LPM - 18 LPM, 1/2" BSPT Male, AxBxCxDxExFxG = 206x34x40x215x31x20x165mm
	Z-3003T	Dual Scale: 2 GPM - 10 GPM/5 LPM - 40 LPM, 3/4" BSPT Male, AxBxCxDxExFxG = 220x41x45x233x47x33x165mm
	Z-3004T	Dual Scale: 2 GPM - 16 GPM/10 LPM - 60 LPM, 3/4" BSPT Male, AxBxCxDxExFxG = 220x41x45x233x47x33x165mm
	Z-300KT1	Dual Scale: 0.1 GPM - 1 GPM/0.5 LPM - 4 LPM, 1/2" BSPT Male, AxBxCxDxExFxGxH = 168x30x34x176x25x25x127x76mm
	Z-300KT2	Dual Scale: 0.2 GPM - 2 GPM/1 LPM - 7 LPM, 1/2" BSPT Male, AxBxCxDxExFxGxH = 168x30x34x176x25x25x127x76mm
	Z-300KT3	Dual Scale: 0.5 GPM - 5 GPM/2 LPM - 18 LPM, 1/2" BSPT Male, AxBxCxDxExFxGxH = 168x30x34x176x25x25x127x76mm
	Z-300KT4	Dual Scale: 1 GPM - 10 GPM/5 LPM - 35 LPM, 1" BSPT Male, AxBxCxDxExFxGxH = 226x45x46x232x48x33x165x100mm
	Z-300KT5	Dual Scale: 2 GPM - 14 GPM/10 LPM - 50 LPM, 1" BSPT Male, AxBxCxDxExFxGxH = 226x45x46x232x48x33x165x100mm
	Z-300KT6	Dual Scale: 2 GPM - 20 GPM/12 LPM - 70 LPM, 1" BSPT Male, AxBxCxDxExFxGxH = 226x45x46x232x48x33x165x100mm

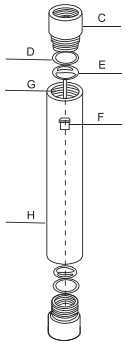
The Series Z400 Acrylic Rotameter

Transparent body, clear reading









The Series Z400 Acrylic Rotameter is a variable area flowmeter. Its measuring tube is made of transparent acrylic. 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 acrylic 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: Acrylic; O-ring: Silicone Rubber; Connection: PP or 304 Stainless Steel
Accuracy	±6%
Temperature Rating	0℃ to 55℃
Pressure Rating	Less than 0.6MPa

FEATURES

·The rotor floats with the fluid, no mechanical wear, low maintenance costs, and a long service life.

·Alarm switch output is available.

·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		
Model	**Z-4001**	Dual Scale: 0.2 GPM - 2 GPM / 1 LPM - 7 LPM, BSP 1/2"thread, weight: 0.2Kg, Dimensions: AxB = 210x32mm
	Z-4002	Dual Scale: 0.5 GPM- 5 GPM / 1.8 LPM - 18 LPM, BSP 1/2"thread, weight: 0.2Kg, Dimensions: AxB = 210x32mm
	Z-4003	Dual Scale: 1 GPM - 10 GPM / 4 LPM - 36 LPM, BSP 3/4"thread, weight: 0.65Kg, Dimensions: AxB = 278x45mm
	Z-4004	Dual Scale: 2 GPM - 20 GPM / 10 LPM - 70 LPM, BSP 1"thread, weight: 0.65Kg, Dimensions: AxB = 265x51mm
	Z-4005	Dual Scale: 5 GPM - 30 GPM / 20 LPM - 110 LPM, BSP 1"thread, weight: 0.65Kg, Dimensions: AxB = 265x51mm
	Z-4006	Dual Scale: 20 GPM - 60 GPM / 80 LPM - 220 LPM, BSP 1-1/2"thread, weight: 0.65Kg, Dimensions: AxB = 306x51mm
	Z-4007	Dual Scale: 30 GPM - 110 GPM / 100 LPM - 400 LPM, BSP 2"thread, weight: 1.4Kg, Dimensions: AxB = 345x75mm
	Z-4008	Dual Scale: 50 GPM - 150 GPM / 180 LPM - 600 LPM, BSP 2"thread, weight: 1.4Kg, Dimensions: AxB = 345x75mm
	Z-4009	Dual Scale: 60 GPM- 200 GPM / 200 LPM - 800 LPM, BSP 2"thread, weight: 1.4Kg, Dimensions: AxB = 345x75mm