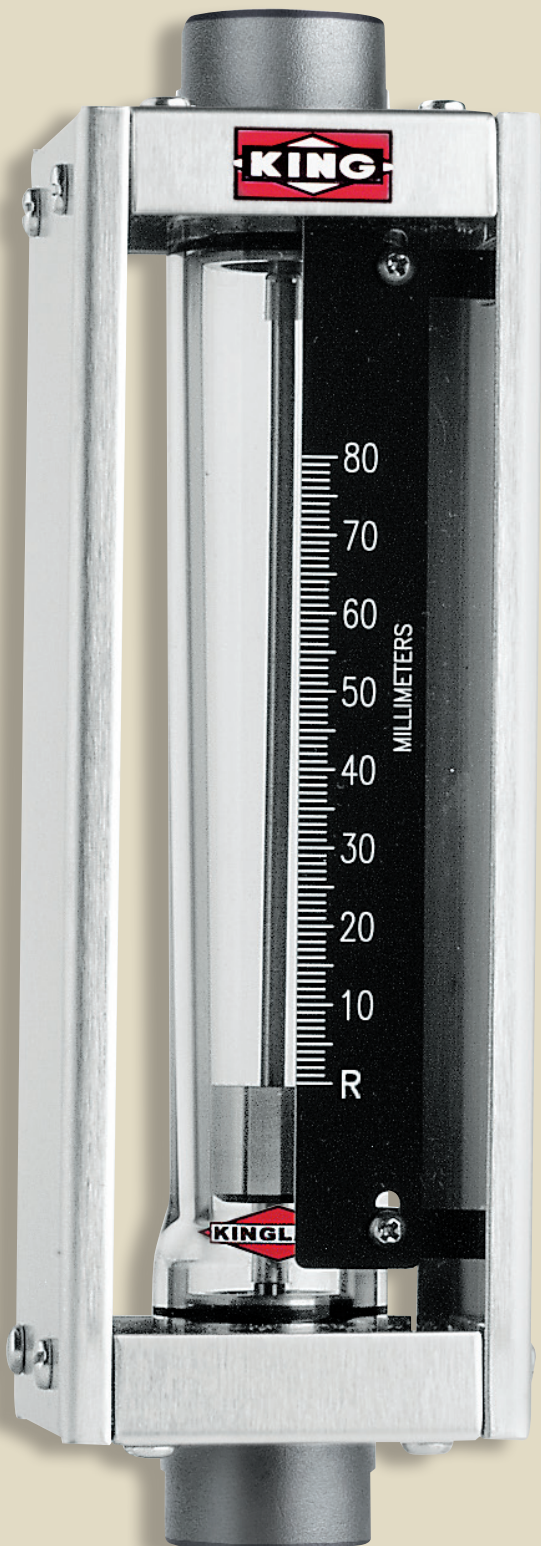


There is nothing else like it in the industry. This 75 mm scale glass tube meter offers economical 304 stainless steel case construction with vertical connections.



DESCRIPTION

Metering Tube

Borosilicate Kinglass

Internal Components

Standard: 316L Stainless Steel

Optional: Hastelloy® C-276

Inlet/Outlet Fittings

FNPT Vertical

Fitting Material

Standard: 316L Stainless Steel

Optional: PVC

Elastomers

Standard: Viton®

Optional: Buna N, EPDM, and Kalrez®

Case and Covers

304 Stainless Steel Case

Polycarbonate Shield

PERFORMANCE

Capacities

0.5 to 25 GPM — Water

2 to 14 SCFM — Air

Scale

80 mm (3")

Direct reading, detachable

Accuracy

± 5% of Full Scale Flow

Turndown

10:1 unless otherwise indicated

Repeatability

1%

Max Temperature 316L Stainless Steel Only

250° F (121° C) - Gases

200° F (93° C) - Liquid

Max Pressure

316L Stainless Steel — 200 psig

PVC Fittings — 150 psig

Ambient Temperature

33° F to 125° F (1° C to 52° C)

OPTIONS

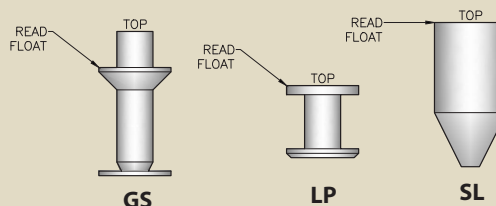
Certified Calibrations

Conform to ISA RP 16.6

Scales

Can be produced in any volumetric unit

Float Types



SPECIFICATIONS:

Order Number	Full Scale Flow GPM — Water	Order Number	Full Scale Flow SCFM — Air	Float Number	Float Type	Press.Drop In W.C.	Tube Size	Tube Number	Connection Size
41W	.5	41A	2.0	1/2-LPG-04	LP	–	4G (.50")	1/2-24-G-3	1/2" - FNPT
42W	1.0	42A	4.0	1/2-LPG-05	LP	5	4G (.50")	1/2-24-G-3	1/2" - FNPT
43W	2.0	43A	8.2	1/2-SLG-01	SL	9	4G (.50")	1/2-24-G-3	1/2" - FNPT
44W	3.5	44A	14.0	5/8-SLP-01	SL	9	4P (.625")	5/8-29-P-3	1/2" - FNPT
45W	5.6	–	–	5/8-SLP-02	SL	11	4P (.625")	5/8-29-P-3	1/2" - FNPT
46W	7.4	–	–	5/8-SLP-03	SL	15	4P (.625")	5/8-29-P-3	1/2" - FNPT
61W	10.0	–	–	1-GSP-01	GS	16	6P (1")	1-35-P-3	1" - FNPT
62W	15.0	–	–	1-SLG-02	SL	24	6P (1")	1-35-P-3	1" - FNPT
63W	25.0	–	–	1-SLG-01	SL	42	6P (1")	1-35-P-3	1" - FNPT

FOOTNOTES:

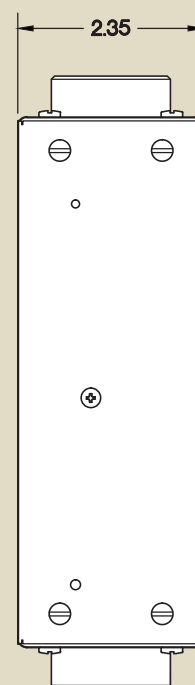
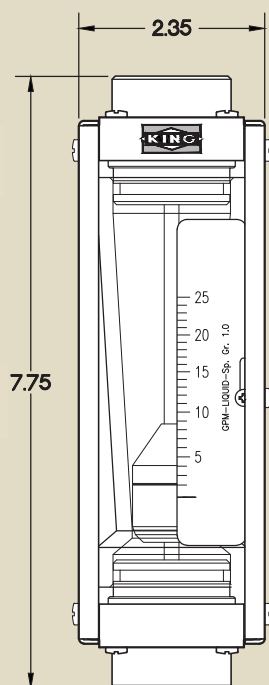
Because of the compressible nature of gas, meters used in this service may be subject to float bounce:

- The meter is used in very low pressure applications.
- There is more than two pipe diameters between the meter and a control valve.
- The gas being metered is a low Specific Gravity.

- The meter is operating below 20% of full scale flow.
- Back pressure is insufficient to stabilize the float.

Tubes with the designation "G" have rib-guided floats. Tubes designated "P" have pole-guided floats.

DIMENSION DIAGRAM (Inches)



ORDERING:

Use the following guide to determine the specific product number you require.

Meter Series	Fitting Material	Float Material	O-Ring Material	Order Number
7 4 6	316L SS - 1	316L SS - 2	EPR - 1	See Specification
	PVC - 3	Hastelloy® C-276 - 4	Buna - N - 2	Table Above
	(Not for air service)		Viton® - 3	
			Kalrez® - 4	