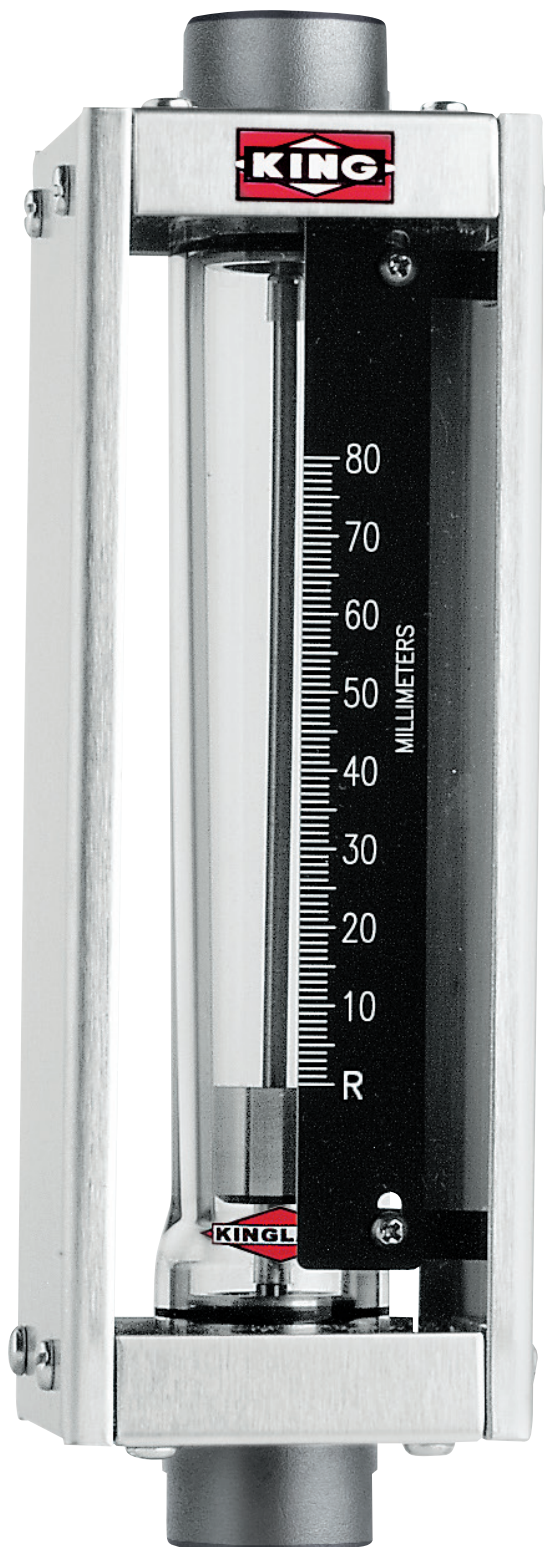


There is nothing else like it in the industry. This 75 mm scale glass tube meter offers economical 304 stainless steel case construction with vertical connections.



DESCRIPTION

Metering Tube	Borosilicate Kinglass
Internal Components	Standard: 316L SS Optional: Hastelloy® C-276
Fitting Material	Standard: 316L SS Optional: PVC
Inlet/Outlet Fittings	FNPT Vertical
O-Ring	Standard: Viton® Optional: Buna N, EPR, and Kalrez®
Case and Covers	304 SS case Polycarbonate shield

PERFORMANCE

Capacities	Water 0.5 to 25 GPM Air 2 to 14 SCFM
Scale	80 mm (3") direct reading, detachable
Accuracy	± 5% of full scale flow
Turndown	10:1
Repeatability	1%
Maximum Temperature	316L SS only Gases 250° F (121° C) Liquid 200° F (93° C)
Maximum Pressure	316L SS 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	Any volumetric unit

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:

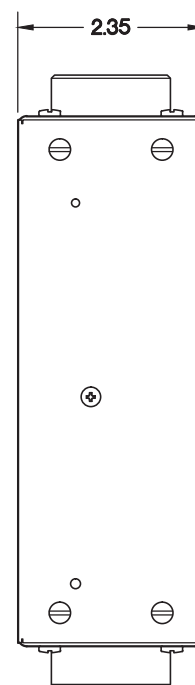
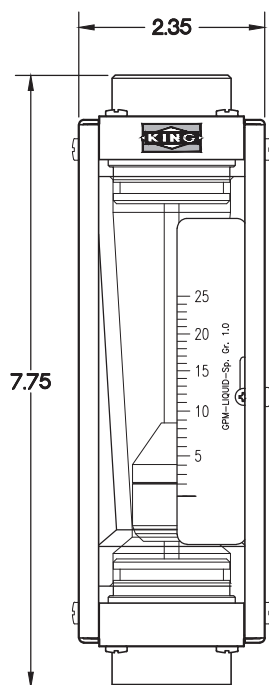
Because of the compressible nature of gas, meters used in this service may be subject to float bounce:

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

- 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 PVC - 3 (Not for air)	316L SS - 2 Hastelloy® C-276 - 4	EPR - 1 Buna - N - 2 Viton® - 3 Kalrez® - 4	See Specification table above