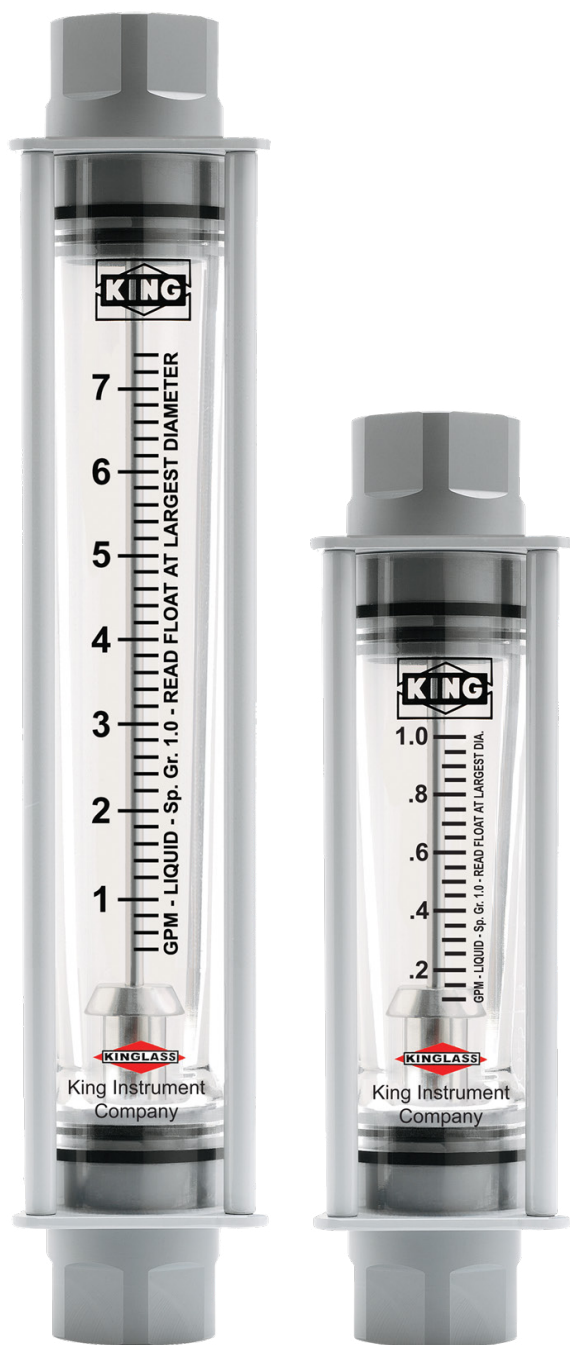


7650 Series

GLASS TUBE

A chemically resistant, borosilicate glass tube meter series for liquid service. It features a clear polycarbonate shield surrounding the glass metering tube. It is assembled in a 304 SS tie rod frame. It offers CPVC and Hastelloy® C-276 as optional materials of construction, suitable for a wide range of chemical and corrosive applications. O-ring seals allow for easy disassembly and cleaning.



DESCRIPTION

Metering Tube	Borosilicate Kinglass
Internal Components	316L SS Hastelloy® C-276
Inlet/Outlet Fittings	FNPT, vertical
Fitting Material	PVC, CPVC
O-Ring	EPR, Buna-N, Viton®, Kalrez®

PERFORMANCE

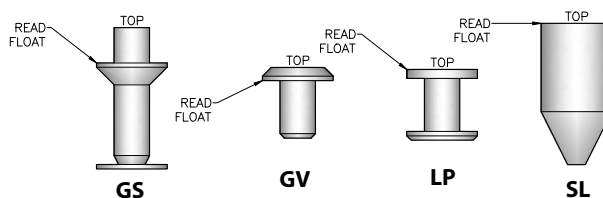
Capacities	Water 0.25 to 26 GPM
Scale	80 mm (3"), 127 mm (5") direct reading
Accuracy	± 5% of 3" full scale flow ± 3% of 5" full scale flow
Turndown	10:1
Repeatability	0.5%
Maximum Temperature	140° F (60° C)
Maximum Pressure	100 psig
Ambient Temperature	33° F to 125° F (1° C to 52° C)

OPTIONS

Certified Calibrations	Conform to ISA RP 16.6
Scales	Any volumetric unit

FLOATS

Options for rotameter float materials and designs extend flow ranges for different fluids within a given rotameter tube design.



80 mm (3 inch) Scale						
Order Number	Full Scale Flow GPM - Water	Float Number	Float Type	Pressure Drop (Inches of Water)	Tube Size	Tube Number
41W	.5	½-LPG-04	LP	—	4G	½-751-4G
42W	1.0	½-LPG-05	LP	5	4G	½-751-4G
43W	2.0	½-SLG-01	SL	9	4G	½-751-4G
44W	3.5	⅝-SLP-01	SL	9	4P	⅝-753-4P
45W	5.6	⅝-SLP-02	SL	11	4P	⅝-753-4P
46W	7.4	⅝-SLP-03	SL	15	4P	⅝-753-4P
60W	10.0	1-GSP-01	GS	16	6P	1-749-6P
61W	15.0	1-GSP-02	GS	24	6P	1-749-6P
62W	25.0	1-SLG-01	SL	42	6P	1-749-6P

127 mm (5 inch) Scale						
Order Number	Full Scale Flow GPM - Water	Float Number	Float Type	Pressure Drop (Inches of Water)	Tube Size	Tube Number*
31W	.25	⅜-LPG-01	LP	---	3G	⅜-20-G-5
32W	.36	⅜-SLG-01	SL	2	3G	⅜-20-G-5
33W	.74	⅜-SLG-02	SL	5	3G	⅜-20-G-5
47W	1.0	½-LPG-01	LP	6	4G	½-27-G-5
48W	2.0	½-SLG-01	SL	10	4G	½-27-G-5
51W	1.5	¾-LPG-01	LP	3	5G	¾-30-G-5
52W	3.8	¾-GSG-01	GS	10	5G	¾-30-G-5
53W	5.0	¾-SLG-01	SL	14	5G	¾-30-G-5
63W	6.0	1-GVP-01	GV	5	6P	1-33-P-5
64W	7.4	1-GVP-02	GV	6	6P	1-33-P-5
65W	9.6	1-GSP-01	GS	10	6P	1-33-P-5
66W	11.0	1-GSP-02	GS	13	6P	1-33-P-5
67W	14.0	1-GSP-03	GS	24	6P	1-33-P-5
68W	20.0	1-SLP-01	SL	39	6P	1-33-P-5
69W	26.0	1-SLP-02	SL	45	6P	1-33-P-5

* Tubes designated "G" have rib-guided floats.

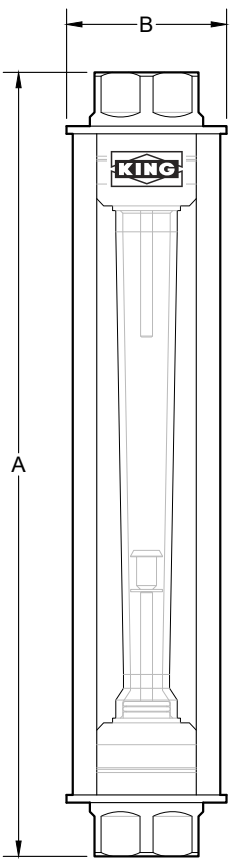
Tubes designated "P" have pole-guided floats.

ORDERING:

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

7	6	5								
Meter Series			Scale Size	Fitting Material	Float Material	O-Ring Material			Order Number	
			80 mm (3 inch) - 1	PVC 1" FNPT - 3	316L SS - 2	EPR - 1			See Specifications	
			127 mm (5 inch) - 2	CPVC 1" FNPT - 4	Hastelloy® C-276 - 4	Buna-N - 2				
						Viton® - 3				
						Kalrez® - 4				

DIMENSION DIAGRAM



Dimensions (Inches)		
Detail	Scale length	
Letter	80mm	127mm
A	9.00"	12.25"
B	2.50"	2.50"