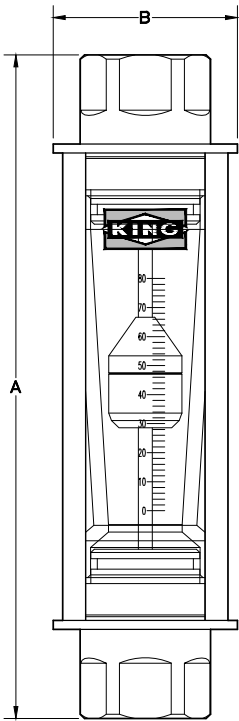


# 7650 Series Flowmeters



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 Stainless Steel  
Hastelloy® C-276

### Inlet/Outlet Fittings

FNPT, Vertical

### Fitting Material

PVC, CPVC

### Elastomers

EPR, Buna-N, Viton®, Kalrez®

Detail Letter	Scale length	
	80mm	127mm
A	9.00"	12.25"
B	2.75"	2.75"

## PERFORMANCE

### Capacities

0.25 to 26 GPM — Water

### Scale

80 mm (3"), 127 mm (5") Direct Reading

### Accuracy

± 5% of 5" Full Scale Flow  
± 3% of 3" Full Scale Flow

### Turndown

10:1 unless otherwise indicated

### Repeatability

0.5%

### Max Temperature

140° F (60° C)

### Max 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

Can be produced in any volumetric unit

## SPECIFICATIONS:

Order Number	GPM Water	Float Number	80 mm (3 inch) Scale				Tube Size	Tube Number	Connection Size
			Float Type	Pressure Drop (W.C.)	Tube Size	Tube Number			
41W	.5	1/2-LPG-04	LP	---	4G	1/2-24-G-3	1" - FNPT		
42W	1.0	1/2-LPG-05	LP	5	4G	1/2-24-G-3	1" - FNPT		
43W	2.0	1/2-SLG-01	SL	9	4G	1/2-24-G-3	1" - FNPT		
44W	3.5	5/8-SLP-01	SL	9	4P	5/8-29-P-3	1" - FNPT		
45W	5.6	5/8-SLP-02	SL	11	4P	5/8-29-P-3	1" - FNPT		
46W	7.4	5/8-SLP-03	SL	15	4P	5/8-29-P-3	1" - FNPT		
60W	10.0	1-GSP-01	GS	16	6P	1-35-P-3	1" - FNPT		
61W	15.0	1-GSP-02	GS	24	6P	1-35-P-3	1" - FNPT		
62W	25.0	1-SLG-01	SL	42	6P	1-35-P-3	1" - FNPT		

Order Number	GPM Water	Float Number	127 mm (5 inch) Scale				Tube Size	Tube Number	Connection Size
			Float Type	Pressure Drop (W.C.)	Tube Size	Tube Number			
31W	.25	3/8-LPG-01	LP	---	3G	3/8-20-G-5	1" - FNPT		
32W	.36	3/8-SLG-01	SL	2	3G	3/8-20-G-5	1" - FNPT		
33W	.74	3/8-SLG-02	SL	5	3G	3/8-20-G-5	1" - FNPT		
47W	1.0	1/2-LPG-01	LP	6	4G	1/2-27-G-5	1" - FNPT		
48W	2.0	1/2-SLG-01	SL	10	4G	1/2-27-G-5	1" - FNPT		
51W	1.5	3/4-LPG-01	LP	3	5G	3/4-30-G-5	1" - FNPT		
52W	3.8	3/4-GSG-01	GS	10	5G	3/4-30-G-5	1" - FNPT		
53W	5.0	3/4-SLG-01	SL	14	5G	3/4-30-G-5	1" - FNPT		
63W	6.0	1-GVP-01	GV	5	6P	1-33-P-5	1" - FNPT		
64W	7.4	1-GVP-02	GV	6	6P	1-33-P-5	1" - FNPT		
65W	9.6	1-GSP-01	GS	10	6P	1-33-P-5	1" - FNPT		
66W	11.0	1-GSP-02	GS	13	6P	1-33-P-5	1" - FNPT		
67W	14.0	1-GSP-03	GS	24	6P	1-33-P-5	1" - FNPT		
68W	20.0	1-SLP-01	SL	39	6P	1-33-P-5	1" - FNPT		
69W	26.0	1-SLP-02	SL	45	6P	1-33-P-5	1" - FNPT		

## ORDERING:

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

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