



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.)				
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.)				
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.

7	6	5					
Meter Series	Scale Size		Fitting Material	Float Material	O-ring Material	Order Number	
	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	