



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, EPR, 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

### SPECIFICATIONS:

Order Number	GPM Water	Order Number	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

### 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 <i>* Not for air service</i>	316L SS - 2 Hastelloy® C-276 - 4	EPR - 1 Buna - N - 2 Viton® - 3 Kalrez® - 4	See Specification Table Above