



This 250 mm scale, economical glass tube meter features 304 stainless steel case construction. NPT or flange, vertical or horizontal connections offer installation versatility.

### DESCRIPTION

#### Metering Tube

Borosilicate Kinglass

#### Internal Components

Standard: 316L Stainless Steel  
Optional: Hastelloy® C-276

#### Inlet/Outlet Fittings

FNPT or Flange, Vertical or Horizontal

#### Fitting Material

Standard: 316L Stainless Steel  
Optional: PVC (vertical connections only)

#### Elastomers

Standard: Viton®  
Optional: Buna N, EPR, and Kalrez®

#### Case and Covers

304 Stainless Steel Case  
Polycarbonate Shield

### PERFORMANCE

#### Capacities

0.22 to 132 GPM — Water  
0.9 to 350 SCFM — Air

#### Scale

250 mm (10")  
Direct reading, detachable

#### Accuracy

± 2% of Full Scale Flow

#### Turndown

10:1 unless otherwise indicated

#### Repeatability

0.5%

#### Max Temperature

316L SS Fittings — 200° F (93° C)  
PVC Fittings — 110° F (43° C)

#### Max Pressure

316L SS Fittings — 250 psig, size 3 & 4  
316L SS Fittings — 250 psig, size 5 & 6  
316L SS Fittings — 150 psig, size 8 & 9  
PVC Fittings — 150 psig, size 3,4,5 & 6  
PVC Fittings — 125 psig, size 8 & 9

#### Ambient Temperature

33° F to 125° F (1° C to 52° C)

### OPTIONS

#### Alarm

Latching reed switch

#### Certified Calibrations

Conform to ISA RP 16.6

#### Scales

Can be produced in any volumetric unit.

Order Numbers	Connection Size		Dimensions (Inches)	
	FNPT	Flange	A	B
31W/A - 43W/A	3/4"	1/2"	19.69	4.22
51W - 613W	3/4"	1"	19.69	4.22
84W - 99W	1 1/2"	1 1/2"	19.69	5.90

### SPECIFICATIONS:

Order No.	GPM Water	Order No.	SCFM Air	Float Number	Float Type	Press. Drop (W.C.)	Tube Size - Number
31W	.22	31A	.9	3/8-LPG-01	LP	—	3G - 3/8-20-G-10
32W	.315	32A	1.4	3/8-SLG-01	SL	2	3G - 3/8-20-G-10
33W	.64	33A	2.7	3/8-SLG-02	SL	7	3G - 3/8-20-G-10
41W	.77	41A	3.4	1/2-LPG-01	LP	6	4G - 1/2-32-G-10
42W	1.02	42A	4.4	1/2-LPG-02	LP	10	4G - 1/2-32-G-10
43W*	1.20	43A*	5.0	1/2-GVG-01	GV	10	4G - 1/2-32-G-10
44W	1.44	44A	6.1	1/2-GSG-01	GS	15	4G - 1/2-32-G-10
45W*	1.92	45A*	8.5	1/2-SLG-01	SL	28	4G - 1/2-32-G-10
46W*	2.26	46A	10.2	1/2-SLG-02	SL	41	4G - 1/2-32-G-10
51W	1.1	51A	4.5	3/4-LPG-01	SL	1	5G - 3/4-28-G-10
52W*	2.4	52A*	10.0	3/4-GVG-01	SL	4	5G - 3/4-28-G-10
53W*	3.0	53A*	12.0	3/4-GSG-01	SL	5	5G - 3/4-28-G-10
54W*	3.3	54A*	13.2	3/4-GVG-02	SL	6	5G - 3/4-28-G-10
55W*	4.0	55A*	16.4	3/4-GSG-02	SL	6	5G - 3/4-28-G-10
56W*	5.2	56A*	22.0	3/4-SLG-01	SL	18	5G - 3/4-28-G-10
61W*	6.9	—	—	1-LPG-02	LP	4	6G - 1-32-G-10

\*Alarm option available

Order No.	GPM Water	Order No.	SCFM Air	Float Number	Float Type	Press. Drop (W.C.)	Tube Size - Number
62W	9.8	—	—	1-SLG-01	SL	8	6G - 1-32-G-10
63W*	12.6	—	—	1-SLG-02	SL	13	6G - 1-32-G-10
64W	6.7	64A	27.0	1-LPP-01	LP	4	6P - 1-40-P-10
65W	7.4	65A	30.0	1-GVP-01	GV	6	6P - 1-40-P-10
66W	8.5	66A	35.0	1-GVP-02	GV	8	6P - 1-40-P-10
67W	10.4	67A	42.5	1-GSP-01	GS	10	6P - 1-40-P-10
68W	11.6	68A	46.5	1-GVP-03	GV	15	6P - 1-40-P-10
69W	12.0	69A	50.0	1-GSP-02	GS	14	6P - 1-40-P-10
610W	15.6	610A	63.0	1-GSP-03	GS	24	6P - 1-40-P-10
611W*	21.6	611A*	100.0	1-SLP-01	SL	61	6P - 1-40-P-10
612W*	27.5	—	—	1-SLP-02	SL	85	6P - 1-40-P-10
613W*	34.5	—	—	1-SLP-03	SL	110	6P - 1-40-P-10
84W	17.0	84A	70.0	11/2-GVP-01	LP	2	8P - 11/2-32-P-10
85W	21.2	85A	87.0	11/2-GVP-02	LP	4	8P - 11/2-32-P-10
86W	22.2	—	—	11/2-GSP-01	LP	6	8P - 11/2-32-P-10
87W	24.8	87A	102.0	11/2-GVP-03	GV	10	8P - 11/2-32-P-10
88W	28.5	—	—	11/2-GSP-02	GV	20	8P - 11/2-32-P-10
89W	35.0	—	—	11/2-GSP-03	GS	24	8P - 11/2-32-P-10
94W	41.5	94A	170.0	2-GVP-01	GV	2	9P - 2-30-P-10
95W	58.0	95A	240.0	2-GSP-01	GS	6	9P - 2-30-P-10
96W	65.0	96A	270.0	2-GSP-02	GS	10	9P - 2-30-P-10
97W	85.0	97A	350.0	2-SLP-00	SL	40	9P - 2-30-P-10
98W	100.0	—	—	2-SLP-01	SL	50	9P - 2-30-P-10
99W	132.0	—	—	2-SLP-02	SL	60	9P - 2-30-P-10

\*Alarm option available

### ORDERING:

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

Meter Series	Fitting Material	Float Material	O-Ring Material	Order Number	Alarm Option
7 4 8	Vertical FNPT - 316L SS - 1 Horizontal FNPT - 316L SS - 2 Vertical Flange - 150# - 3 Vertical Flange - 300# - 4 Horizontal Flange - 150# - 5 Horizontal Flange - 300# - 6 Vertical FNPT-PVC* - 7 *not for air service	316L SS - 2 Hastelloy® C-276 - 4	EPR - 1 Buna - N - 2 Viton® - 3 Kalrez® - 4	See Specification Table Above	Without Alarm - 0 With Alarm - 1 Check Specifications Table For Availability

\* Only use this box with order numbers 610W thru 613W. Otherwise leave blank