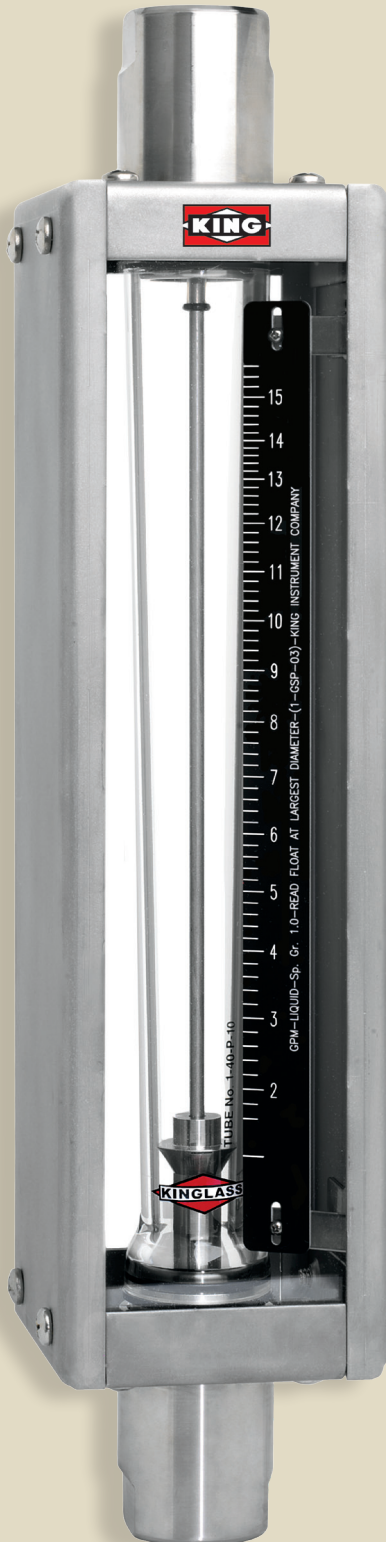


This 250 mm scale, economical glass tube meter features 304 stainless steel case construction. NPT or flange, vertical or horizontal connections offer installation versatility.



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, EPD, 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 (see page 49)

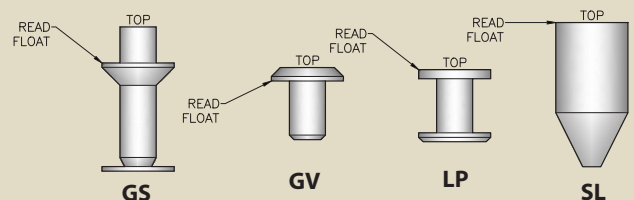
Certified Calibrations

Conform to ISA RP 16.6

Scales

Can be produced in any volumetric unit.

Float Types



SPECIFICATIONS:

Order No.	Full Scale Flow GPM - Water	Alarm Opt.	Order No.	Full Scale Flow SCFM - Air	Alarm Opt.	Float Number	Float Type	Press. Drop In W.C	Tube Size - Number
31W	.22	No	31A	.9	No	3/8-LPG-01	LP	—	3G - 3/8-20-G-10
32W	.315	No	32A	1.4	No	3/8-SLG-01	SL	2	3G - 3/8-20-G-10
33W	.64	No	33A	2.7	No	3/8-SLG-02	SL	7	3G - 3/8-20-G-10
41W	.77	No	41A	3.4	No	1/2-LPG-01	LP	6	4G - 1/2-32-G-10
42W	1.02	No	42A	4.4	No	1/2-LPG-02	LP	10	4G - 1/2-32-G-10
43W	1.20	Yes	43A	5.0	Yes	1/2-GVG-01	GV	10	4G - 1/2-32-G-10
44W	1.44	No	44A	6.1	No	1/2-GSG-01	GS	15	4G - 1/2-32-G-10
45W	1.92	Yes	45A	8.5	Yes	1/2-SLG-01	SL	28	4G - 1/2-32-G-10
46W	2.26	Yes	46A	10.2	Yes	1/2-SLG-02	SL	41	4G - 1/2-32-G-10
51W	1.1	No	51A	4.5	No	3/4-LPG-01	SL	1	5G - 3/4-28-G-10
52W	2.4	Yes	52A	10.0	Yes	3/4-GVG-01	SL	4	5G - 3/4-28-G-10
53W	3.0	Yes	53A	12.0	Yes	3/4-GSG-01	SL	5	5G - 3/4-28-G-10
54W	3.3	Yes	54A	13.2	Yes	3/4-GVG-02	SL	6	5G - 3/4-28-G-10
55W	4.0	Yes	55A	16.4	Yes	3/4-GSG-02	SL	6	5G - 3/4-28-G-10
56W	5.2	Yes	56A	22.0	Yes	3/4-SLG-01	SL	18	5G - 3/4-28-G-10
61W	6.9	Yes	—	—	—	1-LPG-02	LP	4	6G - 1-32-G-10
62W	9.8	No	—	—	—	1-SLG-01	SL	8	6G - 1-32-G-10
63W	12.6	Yes	—	—	—	1-SLG-02	SL	13	6G - 1-32-G-10
64W	6.7	No	64A	27.0	No	1-LPP-01	LP	4	6P - 1-40-P-10
65W	7.4	No	65A	30.0	No	1-GVP-01	GV	6	6P - 1-40-P-10
66W	8.5	No	66A	35.0	No	1-GVP-02	GV	8	6P - 1-40-P-10
67W	10.4	No	67A	42.5	No	1-GSP-01	GS	10	6P - 1-40-P-10
68W	11.6	No	68A	46.5	No	1-GVP-03	GV	15	6P - 1-40-P-10
69W	12.0	No	69A	50.0	No	1-GSP-02	GS	14	6P - 1-40-P-10
610W	15.6	No	610A	63.0	No	1-GSP-03	GS	24	6P - 1-40-P-10
611W	21.6	Yes	611A	100.0	Yes	1-SLP-01	SL	61	6P - 1-40-P-10
612W	27.5	Yes	—	—	—	1-SLP-02	SL	85	6P - 1-40-P-10
613W	34.5	Yes	—	—	—	1-SLP-03	SL	110	6P - 1-40-P-10
84W	17.0	No	84A	70.0	No	11/2-GVP-01	LP	2	8P - 11/2-32-P-10
85W	21.2	No	85A	87.0	No	11/2-GVP-02	LP	4	8P - 11/2-32-P-10
86W	22.2	No	—	—	—	11/2-GSP-01	LP	6	8P - 11/2-32-P-10
87W	24.8	No	87A	102.0	No	11/2-GVP-03	GV	10	8P - 11/2-32-P-10
88W	28.5	No	—	—	—	11/2-GSP-02	GV	20	8P - 11/2-32-P-10
89W	35.0	No	—	—	—	11/2-GSP-03	GS	24	8P - 11/2-32-P-10
94W	41.5	No	94A	170.0	No	2-GVP-01	GV	2	9P - 2-30-P-10
95W	58.0	No	95A	240.0	No	2-GSP-01	GS	6	9P - 2-30-P-10
96W	65.0	No	96A	270.0	No	2-GSP-02	GS	10	9P - 2-30-P-10
97W	85.0	No	97A	350.0	No	2-SLP-00	SL	40	9P - 2-30-P-10
98W	100.0	No	—	—	—	2-SLP-01	SL	50	9P - 2-30-P-10
99W	132.0	No	—	—	—	2-SLP-02	SL	60	9P - 2-30-P-10

Order Numbers	Connection Size		Dimensions (Inches)						
	FNPT	Flange	A	B	C	D	E	F	
31W/A - 43W/A	3/4"	1/2"	19.69	4.22	4.22	15.00	17.5	3.5	
51W - 613W	3/4"	1"	19.69	4.22	4.22	15.00	17.5	3.5	
84W - 99W	1 1/2"	1 1/2"	19.69	5.90	5.90	16.14	20.50	5	

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	316L SS - 2	EPR - 1	See Specification	Check Specifications	
Horizontal FNPT - 316L SS - 2	Hastelloy® C-276 - 4	Buna - N - 2	Table Above	Table For Availability	
Vertical Flange - 150# - 3		Viton® - 3		Without Alarm - 0	
Vertical Flange - 300# - 4		Kalrez® - 4		With Alarm - 1	
Horizontal Flange - 150# - 5					
Horizontal Flange - 300# - 6					
Vertical FNPT-PVC - 7					
(not for air service)					

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

DIMENSION DIAGRAM

