

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

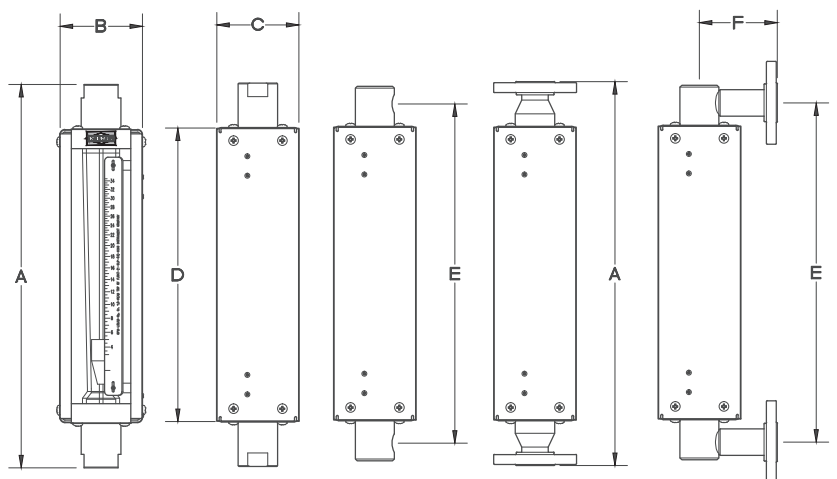
<b>Metering Tube</b>	Borosilicate Kinglass
<b>Internal Components</b>	Standard: 316L SS Optional: Hastelloy® C-276
<b>Fitting Material</b>	Standard: 316L SS Optional: PVC (vertical connections only)
<b>Inlet/Outlet Fittings</b>	FNPT or flange, vertical or horizontal
<b>O-Ring</b>	Standard: Viton® Optional: Buna N, EPR, and Kalrez®
<b>Case and Covers</b>	304 SS case Polycarbonate shield

## PERFORMANCE

<b>Capacities</b>	Water 0.22 to 132 GPM Air 0.9 to 350 SCFM
<b>Scale</b>	250 mm (10") direct reading, detachable
<b>Accuracy</b>	± 2% of full scale flow
<b>Turndown</b>	10:1
<b>Repeatability</b>	0.5%
<b>Maximum Temperature</b>	316L SS fittings 200° F (93° C) PVC fittings 110° F (43° C)
<b>Maximum Pressure</b>	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
<b>Ambient Temperature</b>	33° F to 125° F (1° C to 52° C)

## OPTIONS

<b>Alarm</b>	Latching Reed Switch
<b>Certified Calibrations</b>	Conform to ISA RP 16.6
<b>Scales</b>	Any volumetric unit.



See dimensions in Specification table on page 25

# 7480 Series Specifications

## Glass Tube

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	Dimensions (Inches)						Connection Size	
										A	B	C	D	E	F	FNPT	Flange
31W	.22	No	31A	.9	No	3/8-LPG-01	LP	—	3G-3/8-20-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
32W	.315	No	32A	1.4	No	3/8-SLG-01	SL	2	3G-3/8-20-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
33W	.64	No	33A	2.7	No	3/8-SLG-02	SL	7	3G-3/8-20-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
41W	.77	No	41A	3.4	No	1/2-LPG-01	LP	6	4G-1/2-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
42W	1.02	No	42A	4.4	No	1/2-LPG-02	LP	10	4G-1/2-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
43W	1.20	Yes	43A	5.0	Yes	1/2-GVG-01	GV	10	4G-1/2-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
44W	1.44	No	44A	6.1	No	1/2-GSG-01	GS	15	4G-1/2-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
45W	1.92	Yes	45A	8.5	Yes	1/2-SLG-01	SL	28	4G-1/2-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
46W	2.26	Yes	46A	10.2	Yes	1/2-SLG-02	SL	41	4G-1/2-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1/2"
51W	1.1	No	51A	4.5	No	3/4-LPG-01	SL	1	5G-3/4-28-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
52W	2.4	Yes	52A	10.0	Yes	3/4-GVG-01	SL	4	5G-3/4-28-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
53W	3.0	Yes	53A	12.0	Yes	3/4-GSG-01	SL	5	5G-3/4-28-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
54W	3.3	Yes	54A	13.2	Yes	3/4-GVG-02	SL	6	5G-3/4-28-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
55W	4.0	Yes	55A	16.4	Yes	3/4-GSG-02	SL	6	5G-3/4-28-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
56W	5.2	Yes	56A	22.0	Yes	3/4-SLG-01	SL	18	5G-3/4-28-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
61W	6.9	Yes	—	—	—	1-LPG-02	LP	4	6G-1-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
62W	9.8	No	—	—	—	1-SLG-01	SL	8	6G-1-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
63W	12.6	Yes	—	—	—	1-SLG-02	SL	13	6G-1-32-G-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
64W	6.7	No	64A	27.0	No	1-LPP-01	LP	4	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
65W	7.4	No	65A	30.0	No	1-GVP-01	GV	6	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
66W	8.5	No	66A	35.0	No	1-GVP-02	GV	8	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
67W	10.4	No	67A	42.5	No	1-GSP-01	GS	10	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
68W	11.6	No	68A	46.5	No	1-GVP-03	GV	15	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
69W	12.0	No	69A	50.0	No	1-GSP-02	GS	14	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
610W	15.6	No	610A	63.0	No	1-GSP-03	GS	24	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
611W	21.6	Yes	611A	100.0	Yes	1-SLP-01	SL	61	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
612W	27.5	Yes	—	—	—	1-SLP-02	SL	85	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
613W	34.5	Yes	—	—	—	1-SLP-03	SL	110	6P-1-40-P-10	19.69	4.22	4.22	15.00	17.5	3.5	3/4"	1"
84W	17.0	No	84A	70.0	No	11/2-GVP-01	LP	2	8P-11/2-32-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
85W	21.2	No	85A	87.0	No	11/2-GVP-02	LP	4	8P-11/2-32-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
86W	22.2	No	—	—	—	11/2-GSP-01	LP	6	8P-11/2-32-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
87W	24.8	No	87A	102.0	No	11/2-GVP-03	GV	10	8P-11/2-32-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
88W	28.5	No	—	—	—	11/2-GSP-02	GV	20	8P-11/2-32-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
89W	35.0	No	—	—	—	11/2-GSP-03	GS	24	8P-11/2-32-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
94W	41.5	No	94A	170.0	No	2-GVP-01	GV	2	9P-2-30-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
95W	58.0	No	95A	240.0	No	2-GSP-01	GS	6	9P-2-30-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
96W	65.0	No	96A	270.0	No	2-GSP-02	GS	10	9P-2-30-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
97W	85.0	No	97A	350.0	No	2-SLP-00	SL	40	9P-2-30-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
98W	100.0	No	—	—	—	2-SLP-01	SL	50	9P-2-30-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"
99W	132.0	No	—	—	—	2-SLP-02	SL	60	9P-2-30-P-10	19.69	5.90	5.90	16.14	20.50	5	1 1/2"	1 1/2"

### 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	Check Specifications table for availability Without Alarm - 0 With Alarm - 1
				* Only use this box with order numbers 610W thru 613W. Otherwise leave blank	