



Side plate style meters with 75 mm or 150 mm borosilicate glass tube and 316L stainless steel or brass connections. Valves optional. Also available with PVC ends and Hastelloy®C-276 construction for greater chemical resistance.

### DESCRIPTION

- Metering Tube**  
Borosilicate Kinglass®
- Internal Components**  
316L SS
- Fitting Material**  
Brass or 316L SS
- Inlet/Outlet Fittings**  
FNPT, horizontal  
Control valve optional
- O-Ring**  
Standard: Viton  
Optional: Buna N, EPR, and Kalrez®

Scale Models	Dimensions (Inches)	
	A	B
75mm (3")	1.75	1.50
150mm (6")	1.75	1.50

### PERFORMANCE

- Capacities**  
Water 0.48 to 7.4 GPM  
Air 2 to 20 SCFM
- Scale**  
75 mm (3"), 150 mm (6")  
direct reading, detachable
- Accuracy**  
± 5% of full scale flow, 75 mm  
± 3% of full scale flow, 150 mm
- Turndown**  
10:1
- Repeatability**  
1%
- Maximum Temperature**  
Liquid 200° F (93° C)  
Gases 250° F (121° C)
- Maximum Pressure**  
200 psig
- Ambient Temperature**  
33° F to 125° F (1° C to 52° C)

### OPTIONS

- Certified Calibrations**  
Conform to ISA RP 16.6
- Scales**  
Any volumetric unit

### NOTE

- 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 are more than two pipe diameters between the meter and a control valve.
  - The gas being metered is a low specific gravity gas.
  - The meter is operating below 20% of full scale flow.
  - Back pressure is insufficient to stabilize the float.

### SPECIFICATIONS:

Order No.	Water		Air		Float Number	Float Type	Tube Size	Tube Number
	GPM	LPM	SCFM	SLPM				
3G1	.48	1.8	2.0	56	1/2-LPG-04	LP	.50"	1/2-24-G-3
3G2	1.0	3.8	4.0	112	1/2-LPG-05	LP	.50"	1/2-24-G-3
3G3	2.0	7.6	8.2	230	1/2-SLG-01	SL	.50"	1/2-24-G-3
3P1	2.5	9.4	10.0	280	5/8-GVP-01	GV	.625"	5/8-29-P-3
3P2	4.0	15.0	20.0	560	5/8-SLP-01	SL	.625"	5/8-29-P-3
3P3	5.6	21.0	—	—	5/8-SLP-02	SL	.625"	5/8-29-P-3
3P4	7.4	28.0	—	—	5/8-SLP-03	SL	.625"	5/8-29-P-3

Order No.	Water		Air		Float Number	Float Type	Tube Size	Tube Number
	GPM	LPM	SCFM	SLPM				
6G1	0.5	1.9	2.0	57	1/2-LPG-04	LP	.50"	1/2-24-G-6
6G2	1.0	3.8	4.2	118	1/2-LPG-05	LP	.50"	1/2-24-G-6
6G3	2.0	7.6	8.2	230	1/2-SLG-01	SL	.50"	1/2-24-G-6
6P1	2.5	9.4	10.0	280	5/8-GVP-02	GV	.625"	5/8-32-P-6
6P2	4.0	15.0	20.0	560	5/8-SLP-04	SL	.625"	5/8-32-P-6
6P3	5.6	21.0	—	—	5/8-SLP-05	SL	.625"	5/8-32-P-6
6P4	7.4	28.0	—	—	5/8-SLP-06	SL	.625"	5/8-32-P-6

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	Order Number	Fitting Material	O-ring Material	Scale	Valve Option
7 4 5	See Specifications Table	Brass - 1 316L SS - 2	EPR - 1 Buna-N - 2 Viton® - 3 Kalrez® - No Valve - 4 Kalrez® - Valve - 5	Millimeter - 1 GPM Water@70°F - 2 LPM Water@70°F - 3 SCFM Air@STP - 4 SLPM Air@STP - 5 Non standard - 6	Brass - Inlet - 1 Brass - Outlet - 2 No Valve - 3 316L SS - Inlet - 4 316L SS - Outlet - 5