

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 Stainless Steel

Inlet/Outlet Fittings

FNPT, Horizontal

Control Valve optional

Fitting Material

Brass or 316L Stainless Steel

Elastomers

Standard: Viton

Optional: Buna N, EPR, and Kalrez

PERFORMANCE

Capacities

0.48 to 7.4 GPM — Water

2 to 20 SCFM — Air

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 unless otherwise indicated

Repeatability

1%

Max Temperature

200° F (93° C)

Max Pressure

200 psig

Ambient Temperature

33° F to 125° F (1° C to 52° C)

OPTIONS

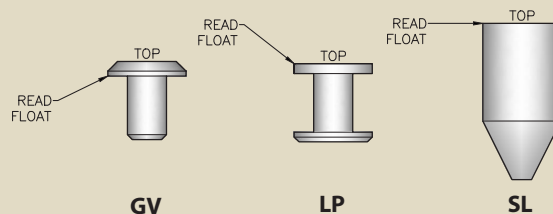
Certified Calibrations

Conform to ISA RP 16.6

Scales

Can be produced in any volumetric unit

Float Types



SPECIFICATIONS:

75mm (3") Scale Models								
Order Number	Full Scale Flow				Float Number	Float Type	Tube Size	Tube Number
	Water		Air					
	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

150mm (6") Scale Models								
Order Number	Full Scale Flow				Float Number	Float Type	Tube Size	Tube Number
	Water		Air					
	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

Scale Models	Dimensions (Inches)				
	A	B	C	D	E
75mm (3")	1.75	1.50	8.00	7.00	2.25
150mm (6")	1.75	1.50	11.56	10.56	2.25

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

DIMENSION DIAGRAM

