

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

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	200° F (93° 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

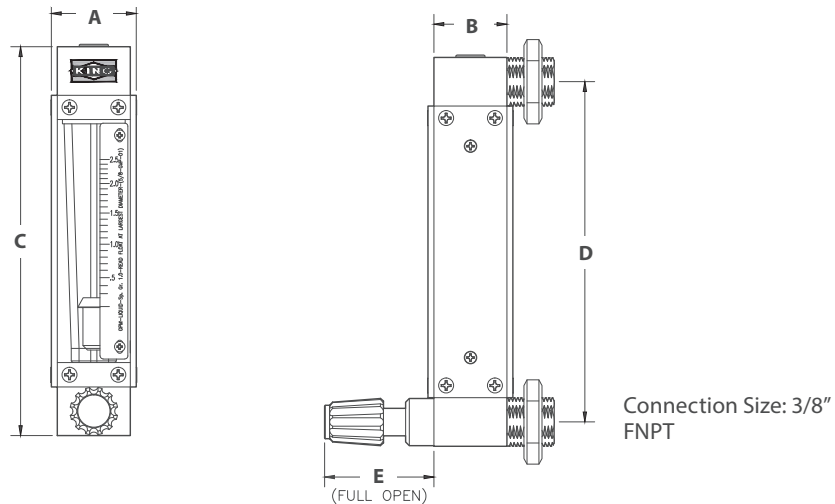
7450 Series Specifications

Glass Tube

75mm (3") Scale Models										Dimensions (Inches)				
Order Number	Full Scale Flow				Float Number	Float Type	Tube Size	Tube Number	A	B	C	D	E	
	Water		Air											
	GPM	LPM	SCFM	SLPM										
3G1	.48	1.8	2.0	56	1/2-LPG-04	LP	.50"	1/2-24-G-3	1.75	1.50	8.00	7.00	2.25	
3G2	1.0	3.8	4.0	112	1/2-LPG-05	LP	.50"	1/2-24-G-3	1.75	1.50	8.00	7.00	2.25	
3G3	2.0	7.6	8.2	230	1/2-SLG-01	SL	.50"	1/2-24-G-3	1.75	1.50	8.00	7.00	2.25	
3P1	2.5	9.4	10.0	280	5/8-GVP-01	GV	.625"	5/8-29-P-3	1.75	1.50	8.00	7.00	2.25	
3P2	4.0	15.0	20.0	560	5/8-SLP-01	SL	.625"	5/8-29-P-3	1.75	1.50	8.00	7.00	2.25	
3P3	5.6	21.0	—	—	5/8-SLP-02	SL	.625"	5/8-29-P-3	1.75	1.50	8.00	7.00	2.25	
3P4	7.4	28.0	—	—	5/8-SLP-03	SL	.625"	5/8-29-P-3	1.75	1.50	8.00	7.00	2.25	

150mm (6") Scale Models										Dimensions (Inches)				
Order Number	Full Scale Flow				Float Number	Float Type	Tube Size	Tube Number	A	B	C	D	E	
	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	1.75	1.50	11.56	10.56	2.25	
6G2	1.0	3.8	4.2	118	1/2-LPG-05	LP	.50"	1/2-24-G-6	1.75	1.50	11.56	10.56	2.25	
6G3	2.0	7.6	8.2	230	1/2-SLG-01	SL	.50"	1/2-24-G-6	1.75	1.50	11.56	10.56	2.25	
6P1	2.5	9.4	10.0	280	5/8-GVP-02	GV	.625"	5/8-32-P-6	1.75	1.50	11.56	10.56	2.25	
6P2	4.0	15.0	20.0	560	5/8-SLP-04	SL	.625"	5/8-32-P-6	1.75	1.50	11.56	10.56	2.25	
6P3	5.6	21.0	—	—	5/8-SLP-05	SL	.625"	5/8-32-P-6	1.75	1.50	11.56	10.56	2.25	
6P4	7.4	28.0	—	—	5/8-SLP-06	SL	.625"	5/8-32-P-6	1.75	1.50	11.56	10.56	2.25	

DIMENSION DIAGRAM



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