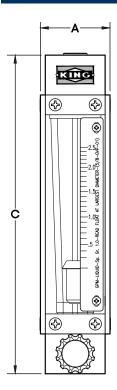
7450 Series Flowmeters



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)		
	Α	В	
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

 \pm 5% of full scale flow, 75 mm \pm 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:

	75mm (3") Scale Models								
Order	Water		Air		Float	Float	Tube	Tube	
No.	GPM	LPM	SCFM	SLPM	Number	Type	Size	Number	
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	Wa	iter	А	ir	Float	Float	Tube	Tube	
No.	GPM	LPM	SCFM	SLPM	Number	Type	Size	Number	
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.

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