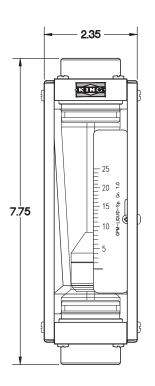
7460 Series Flowmeters



There is nothing else like it in the industry. This 75 mm scale glass tube meter offers economical 304 stainless steel case construction with vertical connections.

DESCRIPTION

Metering Tube

Borosilicate Kinglass

Internal Components

Standard: 316L SS Optional: Hastelloy®C-276

Fitting Material

Standard: 316L SS Optional: PVC

Inlet/Outlet Fittings

FNPT Vertical

O-Ring

Standard: Viton® Optional: Buna N, EPR, and Kalrez®

Case and Covers

304 SS case

Polycarbonate shield

PERFORMANCE

Capacities

Water 0.5 to 25 GPM Air 2 to 14 SCFM

Scale

80 mm (3") direct reading, detachable

Accuracy

± 5% of full scale flow

Turndown

10:1

Repeatability

1%

Max Temperature

316L SS fittings

Gases 250° F (121° C) Liquids 200° F (93° C)

Maximum Pressure

316L SS 200 psig PVC fittings 150 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

SPECIFICATIONS:

Order Number	GPM Water	Order Number	SCFM Air	Float Number	Float Type	Press.Drop In W.C.	Tube Size	Tube Number	Connection Size
41W	.5	41A	2.0	1/2-LPG-04	LP	-	4G (.50")	1/2 -24-G-3	1/2" - FNPT
42W	1.0	42A	4.0	1/2-LPG-05	LP	5	4G (.50")	1/2-24-G-3	1/2" - FNPT
43W	2.0	43A	8.2	1/2-SLG-01	SL	9	4G (.50")	1/2-24-G-3	1/2" - FNPT
44W	3.5	44A	14.0	5/8-SLP-01	SL	9	4P (.625")	5/8-29-P-3	1/2" - FNPT
45W	5.6	45A	22.0	5/8-SLP-02	SL	11	4P (.625")	5/8-29-P-3	1/2" - FNPT
46W	7.4	46A	29.0	5/8-SLP-03	SL	15	4P (.625")	5/8-29-P-3	1/2" - FNPT
61W	10.0	61A	40.0	1-GSP-01	GS	16	6P (1")	1-35-P-3	1" - FNPT
62W	15.0	62A	68.0	1-SLG-02	SL	24	6P (1")	1-35-P-3	1" - FNPT
63W	25.0	_	_	1-SLG-01	SI	42	6P (1")	1_35_P_3	1" - FNIPT

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 is more than two pipe diameters between the meter and a control valve.
- The gas being metered is a low Specific Gravity.

- The meter is operating below 20% of full scale flow.
- Back pressure is insufficient to stabilize the float.

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 6				
Meter Series	Fitting Material	Float Material	O-Ring Material	Order Number
	316L SS - 1	316L SS - 2	EPR - 1	See Specification
	PVC* - 3 * Not for air service	Hastelloy® C-276 - 4	Buna - N - 2 Viton® - 3	Table Above
			Kalrez® - 4	