

# 7460 Series

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 Glass

### Internal Components

Standard: 316L Stainless Steel

Optional: Hastelloy®C-276

### Inlet/Outlet Fittings

NPT Vertical

### Fitting Material

Standard: 316L Stainless Steel

Optional: PVC

### Elastomers

Standard: Viton

Optional: Buna N, EPR, and Kalrez®

### Case and Covers

304 Stainless Steel

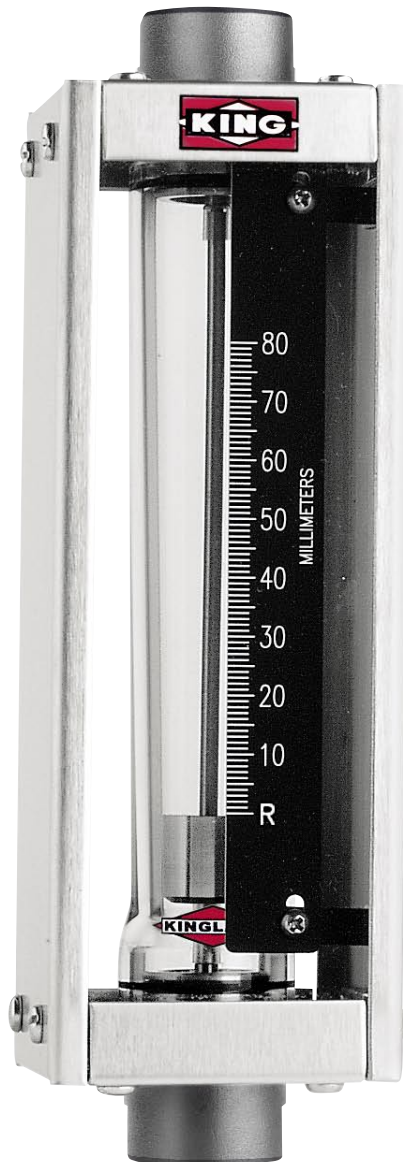
## Options

### Certified Calibrations

Conform to ISA RP 16.6

### Scales

Can be produced in any volumetric unit



## Glass Tube

## Performance

### Capacities

.5 to 25 GPM – Water

2 to 14 SCFM – Air

### Scale

75 mm (3")

Direct reading, detachable

### Accuracy

± 5% of Full Scale Flow

### Turndown

10:1 to 12.5:1 unless otherwise indicated

### Repeatability

1%

### Max Temperature

250° F (121° C) - Gases

200° F (93° C) - Liquid

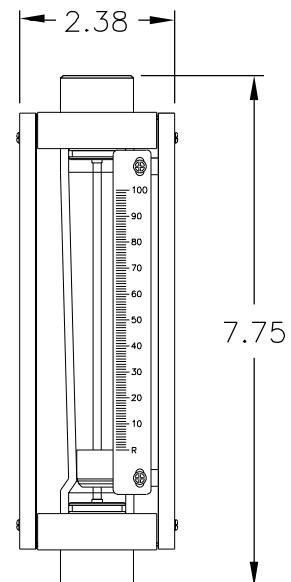
### Max Pressure

200 psig

### Ambient Temperature

33° F to 125° F (1° C to 52° C)

## Dimensions (Inches)



## Float Types:

GS



Semi Viscosity  
Compensation

LP



Lowest Pressure  
Loss

SL



Maximum Flow

## Specifications:

Order Number	Full Scale Flow GPM — Water	Order Number	Full Scale Flow 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-SLG-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	—	—	5/8-SLP-02	SL	11	4P (.625")	5/8-29-P-3	1/2" - FNPT
46W	7.4	—	—	5/8-SLP-03	SL	15	4P (.625")	5/8-29-P-3	1/2" - FNPT
61W	10.0	—	—	1-GSP-01	LP	16	6P (1")	1-35-P-3	1" - FNPT
62W	15.0	—	—	1-GSP-02	GS	24	6P (1")	1-35-P-3	1" - FNPT
63W	25.0	—	—	1-SLG-01	SL	42	6P (1")	1-35-P-3	1" - FNPT

### Footnotes:

- Because of the compressible nature of gas, meters used in this service may be subject to float bounce if:
  - 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" (e.g. 3G) have rib guided floats.  
Tubes designated "P" (e.g. 6P) have pole guided floats.
- USE CAUTION: These floats must have sufficient outlet pressure to keep from becoming unstable in gas service. 30 psi minimum is recommended.

## Ordering:

Use the following guide to determine the specific product number you require.

7	4	6					
<b>Meter Series</b>	<b>Fitting Material</b>		<b>Float Material</b>		<b>O-Ring Material</b>		<b>Order Number</b>
	316L SS - 1		316L SS - 2		EPR - 1		See Specifications
	PVC - 3 (Not for air service)		Hastelloy® 276-C - 4		Buna-N - 2		Table
					Viton® - 3		
					Kalrez® - 4		

**Example:** 746 - 1 - 2 - 1 - 63W