

# 7200 Series

A real value in general purpose rotameters. Vertical connections are from 3/8" NPT to 2" NPT

## Description

### Metering Tube

Machined Cast Acrylic

### Internal Components

316L Stainless Steel

### Inlet/Outlet Fittings

NPT, Vertical

### Fitting Material

Standard: PVC (not for air service)  
Optional: 316 Stainless Steel, Brass, Aluminum

### Elastomers

Standard: EPR  
Optional: Buna-N, Viton®

## Options

### Certified Calibrations

Conform to ISA RP 16.6

### Scales

Can be produced in any volumetric unit

# Acrylic Tube

## Performance

### Capacities

1 to 200 GPM – Water  
4 to 245 SCFM – Air

### Scale

127 mm (5")  
Direct reading

### Accuracy

± 3% to ± 6% of Full Scale Flow  
See specifications table

### Turndown

10:1 to 12.5:1 unless otherwise indicated

### Repeatability

1% to 2%  
See specifications table

### Max Temperature

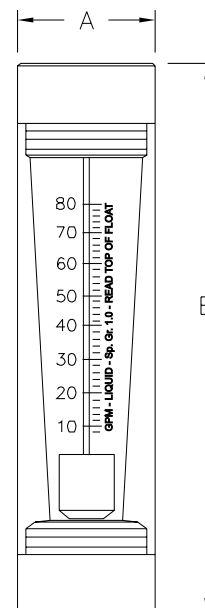
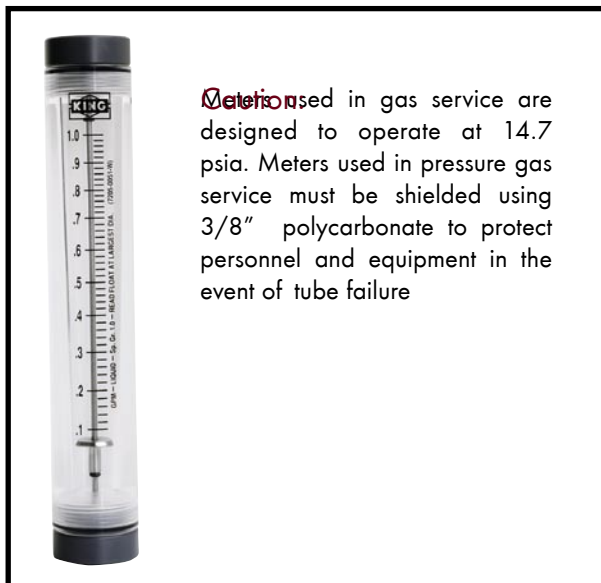
Water – 130° F (54° C)  
Air – 100° F (38° C)

### Max Pressure

Water – 150 psig  
Air – 100 psig

### Ambient Temperature

33° F to 125° F (1° C to 52° C)



Refer to specification table on page 7

# 7200 Series

## Specifications:

Acrylic Tube

Order Number	Flow GPM - Water	Flow SCFM - Air	F.S. Accuracy±/ Repeatability	Press. Drop (In. / W.C.)	Connection Size	Dimensions	
						A	B
0051	1	4	3%/2%	2.9	3/8" FNPT	1.375"	8.25"
0052	1	4	3%/2%	2.9	1/2" FNPT	1.375"	8.25"
0061	2	8	3%/2%	5.2	3/8" FNPT	1.375"	8.25"
0062	2	8	3%/2%	5.2	1/2" FNPT	1.375"	8.25"
0071	3.5	14	3%/2%	9.5	3/8" FNPT	1.375"	8.25"
0072	3.5	14	3%/2%	9.5	1/2" FNPT	1.375"	8.25"
0081	5	20	3%/2%	13.1	3/8" FNPT	1.375"	8.25"
0082	5	20	3%/2%	13.1	1/2" FNPT	1.375"	8.25"
0151	5	20	3%/1%	10	1" FNPT	2.000"	10.25"
0161	10	43	3%/1%	12	1" FNPT	2.000"	10.25"
0171	15	62	3%/1%	18	1" FNPT	2.000"	10.25"
0181	21	86	3%/1%	22	1" FNPT	2.000"	10.25"
0191	30.5	—	3%/1%	26	1" FNPT	2.000"	10.25"
0201	40	—	6%/2%	32	1 1/2" MNPT	2.000"	12.06"
0211	50	—	6%/2%	38	1 1/2" MNPT	2.000"	12.06"
0221	40	165	4%/1%	18	2" FNPT	3.000"	13.25"
0231	60	245	4%/1%	25	2" FNPT	3.000"	13.25"
0241	80	—	4%/1%	30	2" FNPT	3.000"	13.25"
0251	100*	—	4%/1%	35	2" FNPT	3.000"	13.25"
0261	120*	—	6%/2%	45	3" FNPT	3.000"	13.25"
0271	160*	—	6%/2%	60	3" FNPT	3.000"	13.25"
0281	200*	—	6%/2%	80	3" FNPT	3.000"	13.25"

\* These meters have less than 10:1 turndown. See table for specifics.

Order Number	Flow Range	Actual Turndown
0251	20 - 100 GPM	5:1
0261	30 - 120 GPM	4:1
0271	45 - 160 GPM	3.55:1
0281	55 - 200 GPM	3.63:1

Max. Pressure		Max. Temp	
Water	Air	Water	Air
150 psig	100 psig	130° F	100° F

## Ordering:

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

7	2	0	5						
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**Meter Series**

**Order number from specifications table above**

**Fitting Material**

Brass - 1  
316 SSL - 2  
PVC - 3  
Aluminum - 6

**O-Ring Material**

EPR - 1  
Buna-N - 2  
Viton® - 3

**Fluid To Be Metered**

GPM—Liquid - W  
SCFM—Air - A

**Example:** 7205 - 0281 - 3 - 1 - W