

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 SS
Fitting Material	Standard: PVC (not for air service) Optional: 316 SS, brass, aluminum
Inlet/Outlet Fittings	NPT, vertical
O-Ring	Standard: EPR Optional: Buna-N, Viton

PERFORMANCE

Capacities	Water 1 to 200 GPM Air 4 to 245 SCFM
Scale	127 mm (5") direct reading
Accuracy	± 3% to ± 6% of full scale flow See Specifications table
Turndown	10:1 unless otherwise indicated
Repeatability	1% to 2% See Specifications table
Maximum Temperature	Water 130° F (54° C) Air 100° F (38° C)
Maximum Pressure	Water 150 psig Air 100 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

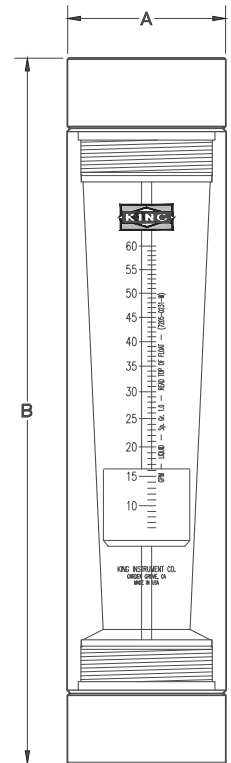
CAUTION: Meters used in gas service are designed to operate at 14.7 psia. Meters used in pressure gas service must be shielded using 3/8" polycarbonate to protect personnel and equipment in the event of tube failure.

7200 Series Specifications:

Acrylic Tube

Order Number	Flow GPM - Water	Flow SCFM - Air	F.S. Accuracy Repeatability	Press. Drop (In. / W.C.)	Actual Turndown	Connection Size	Dimensions	
							A	B
0051	1	4	3%/2%	2.9	10:1	3/8" FNPT	1.375"	8.25"
0052	1	4	3%/2%	2.9	10:1	1/2" FNPT	1.375"	8.25"
0061	2	8	3%/2%	5.2	10:1	3/8" FNPT	1.375"	8.25"
0062	2	8	3%/2%	5.2	10:1	1/2" FNPT	1.375"	8.25"
0071	3.5	14	3%/2%	9.5	10:1	3/8" FNPT	1.375"	8.25"
0072	3.5	14	3%/2%	9.5	10:1	1/2" FNPT	1.375"	8.25"
0081	5	20	3%/2%	13.1	10:1	3/8" FNPT	1.375"	8.25"
0082	5	20	3%/2%	13.1	10:1	1/2" FNPT	1.375"	8.25"
0151	5	20	3%/1%	10	10:1	1" FNPT	2.000"	10.25"
0161	10	43	3%/1%	12	10:1	1" FNPT	2.000"	10.25"
0171	15	62	3%/1%	18	10:1	1" FNPT	2.000"	10.25"
0181	21	86	3%/1%	22	10:1	1" FNPT	2.000"	10.25"
0191	30.5	—	3%/1%	26	10:1	1" FNPT	2.000"	10.25"
0201	40	—	6%/2%	32	10:1	1 1/2" MNPT	2.000"	12.06"
0211	50	—	6%/2%	38	10:1	1 1/2" MNPT	2.000"	12.06"
0221	40	165	4%/1%	18	10:1	2" FNPT	3.000"	13.25"
0231	60	245	4%/1%	25	10:1	2" FNPT	3.000"	13.25"
0241	80	—	4%/1%	30	10:1	2" FNPT	3.000"	13.25"
0251	100*	—	4%/1%	35	5:1	2" FNPT	3.000"	13.25"
0261	120*	—	6%/2%	45	4:1	2" FNPT	3.000"	13.25"
0271	160*	—	6%/2%	60	3.55:1	2" FNPT	3.000"	13.25"
0281	200*	—	6%/2%	80	3.63:1	2" FNPT	3.000"	13.25"

DIMENSION DIAGRAM



* These meters have less than 10:1 turndown.

ORDERING:

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

Meter Series	Order Number	Fitting Material	O-ring Material	Fluid to Be Metered
7 2 0 5	See Specification table above	Brass - 1 316L SS - 2 PVC* - 3 Aluminum - 6	EPR - 1 Buna-N - 2 Viton® - 3	GPM - Liquid - W SCFM - Air - A

* Not for air service