

This 250 mm scale, economical glass tube meter features 304 stainless steel case construction. NPT or flange, vertical or horizontal connections offer installation versatility.



## DESCRIPTION

<b>Metering Tube</b>	Borosilicate Kinglass
<b>Internal Components</b>	Standard: 316L SS Optional: Hastelloy® C-276
<b>Fitting Material</b>	Standard: 316L SS Optional: PVC (vertical connections only)
<b>Inlet/Outlet Fittings</b>	FNPT or flange, vertical or horizontal
<b>O-Ring</b>	Standard: Viton® Optional: Buna N, EPR, and Kalrez®
<b>Case and Covers</b>	304 SS case Polycarbonate shield

## PERFORMANCE

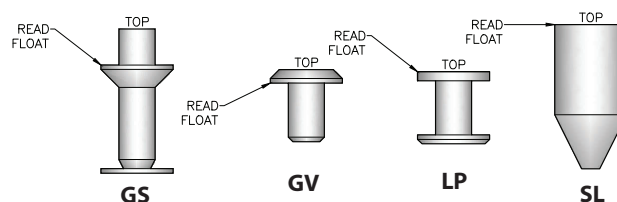
<b>Capacities</b>	Water 0.22 to 132 GPM Air 0.9 to 350 SCFM
<b>Scale</b>	250 mm (10") direct reading, detachable
<b>Accuracy</b>	± 2% of full scale flow
<b>Turndown</b>	10:1
<b>Repeatability</b>	0.5%
<b>Maximum Temperature</b>	316L SS fittings Gases 200° F (93° C) PVC fittings Liquids 110° F (43° C)
<b>Maximum Pressure</b>	316L SS fittings 250 psig, size 3 & 4 316L SS fittings 250 psig, size 5 & 6 316L SS fittings 150 psig, size 8 & 9 PVC fittings* 150 psig, size 3, 4, 5 & 6 PVC fittings* 125 psig, size 8 & 9
<b>Ambient Temperature</b>	33° F to 125° F (1° C to 52° C)

## OPTIONS

<b>Alarm</b>	Latching Reed Switch (See page 60)
<b>Certified Calibrations</b>	Conform to ISA RP 16.6
<b>Scales</b>	Any volumetric unit.

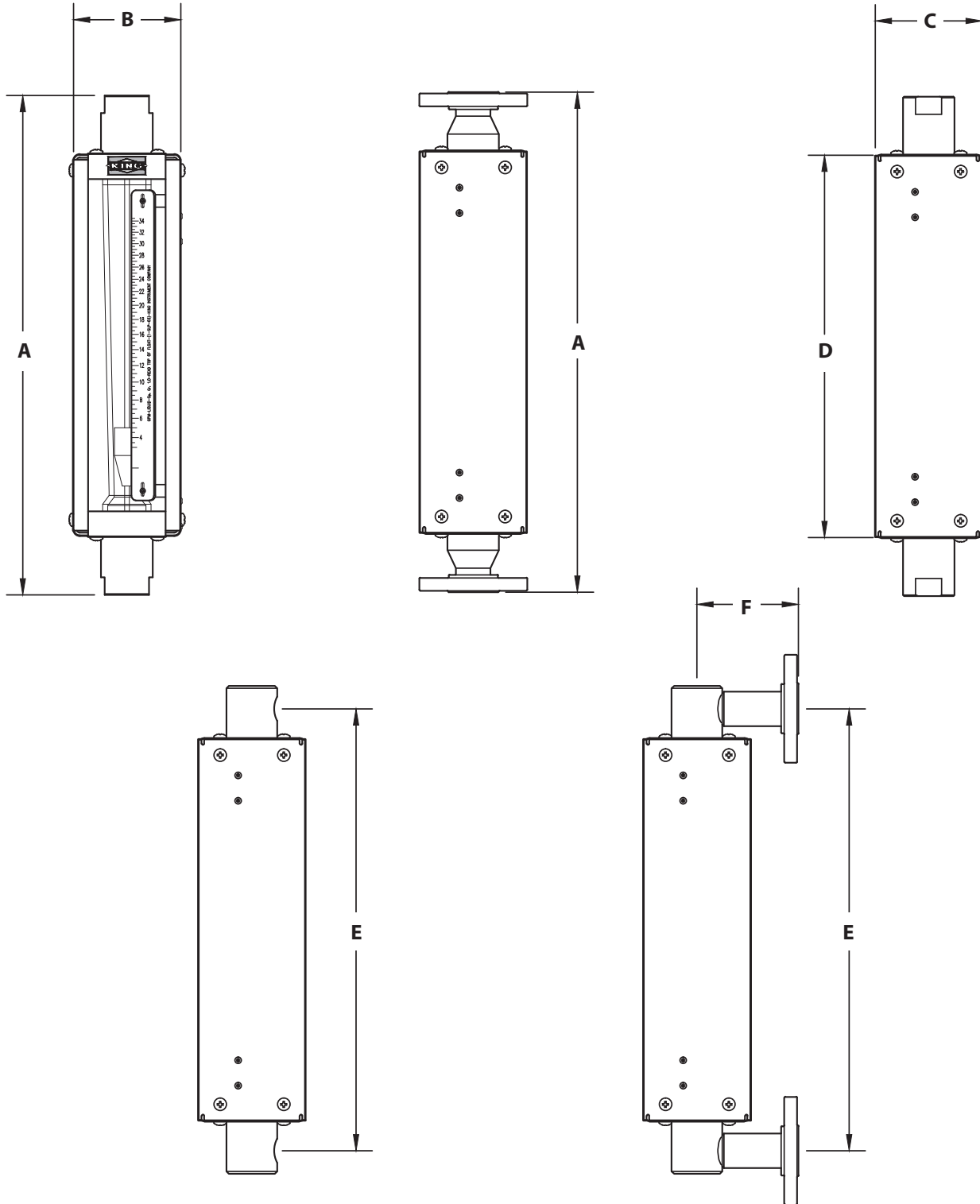
## FLOATS

Options for rotameter float materials and designs extend flow ranges for different fluids within a given rotameter tube design.



\* Liquids service only

## DIMENSION DIAGRAMS



Water Order Number	Air Order Number	Dimensions (Inches)						Connection Size	
		A	B	C	D	E	F	FNPT	Flange
31W -46W	31A -46A	19.69	4.22	4.22	15.00	17.42	3.56	3/4"	1/2"
51W -613W	51A -611A	19.69	4.22	4.22	15.00	17.42	4.00	3/4"	1"
84W -99W	84A -97A	19.69	5.90	5.90	16.14	20.41	5	1 1/2"	1 1/2"

