

This all 316L Stainless Steel meter utilizes a float and tapered tube design which offers longer, more linear scales, better pointer stability and 40% greater accuracy than competitively priced products. A 4-20mA transmitter option adds to its versatility.

### DESCRIPTION

- Metering Tube**  
316L SS
- Internal Components**  
316L SS
- Fitting Material**  
316L SS
- Inlet/Outlet Fittings**  
316L SS NPT or flange, vertical
- O-Ring**  
Standard: Viton®  
Optional: Buna N, EPR, Kalrez®
- Indicator Housing**  
Die-cast Aluminum / Powder Coated with Chemfilm base  
(RoHS Compliant)

### PERFORMANCE

- Capacities**  
Water 33 GPH to 450 GPM  
Air 4 to 100 SCFM
- Scale**  
120 mm direct reading, detachable
- Accuracy**  
± 3% of full scale flow
- Turndown**  
10:1
- Repeatability**  
1 %
- Maximum Temperature**
- O-Ring Max**
- Material Temperature**
- EPR 225° F (107° C)
- Buna-N 275° F (135° C)
- Viton® 350° F (177° C)
- Kalrez® 400° F (204° C)

### Maximum Pressure

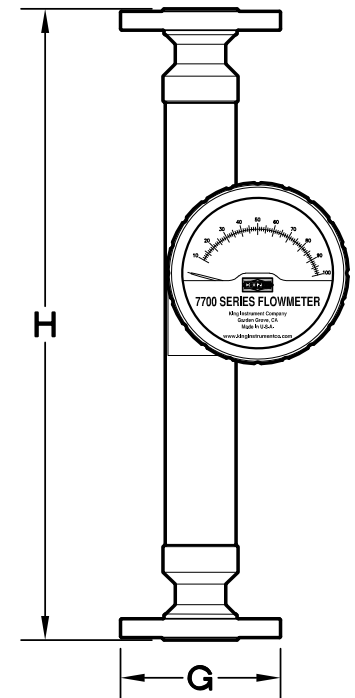
NPT fittings	1,500 psi	SS flange class
<b>Temp F</b>	<b>150#</b>	<b>300#</b> <b>600#</b>
200°	225 psi	600 psi    1,200 psi
300°	200 psi	540 psi    1,100 psi
400°	180 psi	515 psi    1,000 psi

### OPTIONS

- Alarm**  
Single or dual, Inductive Slot Sensor  
4-20 mA transmitter
- Certified Calibrations**  
Conform to ISA RP 16.6
- CRNs**  
All Canadian provinces
- Scales**  
Any volumetric unit

### SPECIFICATIONS:

Order Number	GPM Water	Dimension (Inches) FNPT Connections			150 # Flange		300 # Flange	
		A	B	C	G	H	G	H
706	33.0 GPH - 1/2" FNPT	1.30	11	4.32	3.50	13.125	3.75	13.625
708	1.1 GPM - 1/2" FNPT	1.30	11	4.32	3.50	13.125	3.75	13.625
710	2.0 GPM - 1/2" FNPT	1.30	11	4.32	3.50	13.125	3.75	13.625
712	4.0 GPM - 1/2" FNPT	1.30	11	4.32	3.50	13.125	3.75	13.625
714	6.0 GPM - 1/2" FNPT	1.30	11	4.32	3.50	13.125	3.75	13.625
716	5.0 GPM - 1" FNPT	1.88	13.24	4.86	4.25	16.75	4.88	17.500
718	10.0 GPM - 1" FNPT	1.88	13.24	4.86	4.25	16.75	4.88	17.500
720	16.5 GPM - 1" FNPT	1.88	13.24	4.86	4.25	16.75	4.88	17.500
722	25.0 GPM - 1" FNPT	1.88	13.24	4.86	4.25	16.75	4.88	17.500
724	35.0 GPM - 1 1/2" FNPT	2.34	13.864	5.24	5.00	18.625	6.12	19.250
726	60.0 GPM - 1 1/2" FNPT	2.34	13.864	5.24	5.00	18.625	6.12	19.250
728	76.0 GPM - 2" FNPT	3.46	13.875	6.35	6.00	17.156	6.50	17.786
730	100.0 GPM - 2" FNPT	3.46	13.875	6.35	6.00	17.156	6.50	17.786
732	120.0 GPM - 2" FNPT	3.46	13.875	6.35	6.00	17.156	6.50	17.786
734	152.0 GPM - 2" FNPT	3.46	13.875	6.35	6.00	17.156	6.50	17.786
736	150.0 GPM - 3" Flange	4.46	—	7.26	7.50	17.867	8.25	18.867
738	225.0 GPM - 3" Flange	4.46	—	7.26	7.50	17.867	8.25	18.867
740	300.0 GPM - 4" Flange	5.49	—	8.24	9.00	18.562	10.00	19.696
742	375.0 GPM - 4" Flange	5.49	—	8.24	9.00	18.562	10.00	19.696
744	450.0 GPM - 4" Flange	5.49	—	8.24	9.00	18.562	10.00	19.696
707	4.0 SCFM - 1/2" FNTP	1.30	11	4.32	3.50	13.125	3.75	13.625
709	8.0 SCFM - 1/2" FNTP	1.30	11	4.32	3.50	13.125	3.75	13.625
711	16.5 SCFM - 1/2" FNTP	1.30	11	4.32	3.50	13.125	3.75	13.625
713	24 SCFM - 1/2" FNTP	1.30	11	4.32	3.50	13.125	3.75	13.625
715	20 SCFM - 1" FNTP	1.88	13.24	4.86	4.25	16.75	4.88	17.500
717	42 SCFM - 1" FNTP	1.88	13.24	4.86	4.25	16.75	4.88	17.500
719	76 SCFM - 1" FNTP	1.88	13.24	4.86	4.25	16.75	4.88	17.500
721	100 SCFM - 1" FNTP	1.88	13.24	4.86	4.25	16.75	4.88	17.500



### ORDERING:

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

7	7	1					
<b>Meter Series</b>	<b>Connection Type</b>	<b>Float Material</b>	<b>O-ring Material</b>	<b>Optional Alarm/Transmitter</b>	<b>Order Number</b>		
	FNPT Connections - 1	316L SS - 2	EPR - 1	None - 0	See Specifications		
	150# R.F. Flanged - 2		Buna-N - 2	With Transmitter - T	Table		
	300# R.F. Flanged - 3		Viton® - 3	One Alarm (Inductive Slot Sensor) - A			
	Call Factory for 600# R.F. Flange availability		Kalrez® - 4	Two Alarms (Inductive Slot Sensors) - D			