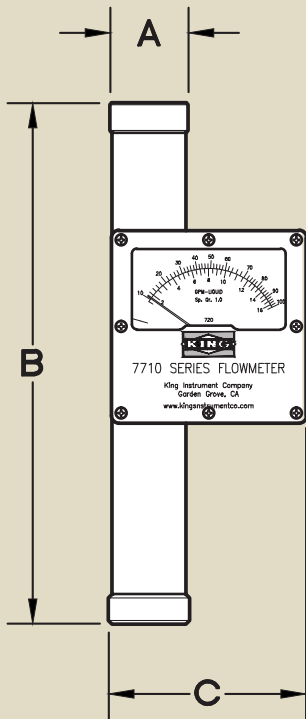


This all 316L Stainless Steel meter utilizes a float and tapered tube design which offers longer, more linear scales, better pointer stability and 40% greater accuracy than competitively priced products. A 4-20mA transmitter option adds to its versatility.



### DESCRIPTION

- Metering Tube**  
316L Stainless Steel
- Internal Components**  
316L Stainless Steel
- Inlet/Outlet Fittings**  
316L Stainless Steel NPT or Flange, Vertical
- Fitting Material**  
316L Stainless Steel
- Elastomers**  
Standard: Viton®  
Optional: Buna N, EPR, Kalrez®
- Indicator Housing**  
304 Stainless Steel

### PERFORMANCE

- Capacities**  
33 GPH to 450 GPM — Water  
4 to 100 SCFM — Air
- Scale**  
120 mm  
Direct reading, detachable
- Accuracy**  
± 3% of Full Scale Flow
- Turndown**  
10:1 unless otherwise indicated
- Repeatability**  
1 %
- Max Temperature**  
O-ring Material Max Temperature  
EPR 225° F (107° C)  
Buna-N 275° F (135° C)  
Viton® 350° F (177° C)  
Kalrez® 400° F (204° C)

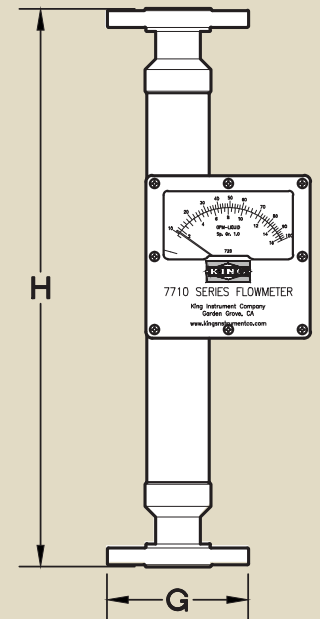
- Max Pressure**  
NPT Fittings — 1,500 psi  
  
Stainless Steel Flange Class  
Temp F 150# 300# 600#  
200° 225 psi 600 psi 1,200 psi  
300° 200 psi 540 psi 1,100 psi  
400° 180 psi 515 psi 1,000 psi
- Ambient Temperature**  
-40° F to 125° F (-40° C to 52° C)

### OPTIONS

- Alarm**  
Single or Dual, Inductive  
Slot Sensor 4-20 mA Transmitter
- Certified Calibrations**  
Conform to ISA RP 16.6
- Scales**  
Can be produced in 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 GPM - 1/2" FNPT	1.312	11	5	3.50	13.125	3.75	13.625
708	1.1 GPM - 1/2" FNPT	1.312	11	5	3.50	13.125	3.75	13.625
710	2.0 GPM - 1/2" FNPT	1.312	11	5	3.50	13.125	3.75	13.625
712	4.0 GPM - 1/2" FNPT	1.312	11	5	3.50	13.125	3.75	13.625
714	6.0 GPM - 1/2" FNPT	1.312	11	5	3.50	13.125	3.75	13.625
716	5.0 GPM - 1" FNPT	1.875	13.25	5.25	4.25	16.75	4.88	17.500
718	10.0 GPM - 1" FNPT	1.875	13.25	5.25	4.25	16.75	4.88	17.500
720	16.5 GPM - 1" FNPT	1.875	13.25	5.25	4.25	16.75	4.88	17.500
722	25.0 GPM - 1" FNPT	1.875	13.25	5.25	4.25	16.75	4.88	17.500
724	35.0 GPM - 1 1/2" FNPT	2.375	13.875	5.625	5.00	18.625	6.12	19.250
726	60.0 GPM - 1 1/2" FNPT	2.375	13.875	5.625	5.00	18.625	6.12	19.250
728	76.0 GPM - 2" FNPT	3.5	13.875	6.75	6.00	17.156	6.50	17.750
730	100.0 GPM - 2" FNPT	3.5	13.875	6.75	6.00	17.156	6.50	17.750
732	120.0 GPM - 2" FNPT	3.5	13.875	6.75	6.00	17.156	6.50	17.750
734	152.0 GPM - 2" FNPT	3.5	13.875	6.75	6.00	17.156	6.50	17.750
736	150.0 GPM - 3" Flange	—	—	—	7.50	17.867	8.25	18.187
738	225.0 GPM - 3" Flange	—	—	—	7.50	17.867	8.25	18.187
740	300.0 GPM - 4" Flange	—	—	—	9.00	18.562	10.00	19.750
742	375.0 GPM - 4" Flange	—	—	—	9.00	18.562	10.00	19.750
744	450.0 GPM - 4" Flange	—	—	—	9.00	18.562	10.00	19.750
707	4.0 SCFM - 1/2" FNTP	1.312	11	5.125	3.50	13.125	3.75	13.625
709	8.0 SCFM - 1/2" FNTP	1.312	11	5.125	3.50	13.125	3.75	13.625
711	16.5 SCFM - 1/2" FNTP	1.312	11	5.125	3.50	13.125	3.75	13.625
713	24 SCFM - 1/2" FNTP	1.312	11	5.125	3.50	13.125	3.75	13.625
715	20 SCFM - 1" FNTP	1.875	13.25	5.25	4.25	16.75	4.88	17.500
717	42 SCFM - 1" FNTP	1.875	13.25	5.25	4.25	16.75	4.88	17.500
719	76 SCFM - 1" FNTP	1.875	13.25	5.25	4.25	16.75	4.88	17.500
721	100 SCFM - 1" FNTP	1.875	13.25	5.25	4.25	16.75	4.88	17.500



### ORDERING:

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

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

\*Call Factory for 600# R.F. Flange availability