

These 316L stainless steel meters feature flange connections, all welded construction (no O-rings), and an end to end length of 250mm. A float and tapered tube design provides longer, more linear scales. A 4-20mA transmitter option adds to its versatility.



## DESCRIPTION

<b>Overall Length</b>	250 millimeters
<b>Metering Tube</b>	316L SS
<b>Internal Components</b>	316L SS
<b>Inlet/Outlet Fittings</b>	150# or 300# flange, vertical
<b>O-Ring</b>	All welded construction, no O-rings or gaskets
<b>Indicator Housing</b>	304 SS
<b>Flange Material</b>	316L SS
<b>Scale</b>	120 mm direct reading, detachable

## PERFORMANCE

<b>Capacities</b>	Water 33 GPH to 16.5 GPM
	Air 2.2 SCFM to 76 SCFM
<b>Scale</b>	120 mm direct reading, detachable
<b>Accuracy</b>	± 3% of full scale flow
<b>Turndown</b>	10:1
<b>Repeatability</b>	1%
<b>Maximum Temperature</b>	400° F (204° C)
	<b>Temp F</b> <b>150#</b> <b>300#</b>
	200°      225 psi      600 psi
	300°      200 psi      540 psi
	400°      180 psi      515 psi
<b>Maximum Pressure</b>	See 150# and 300# SS flange class above
<b>Ambient Temperature</b>	-40° F to 125° F (-40° C to 52° C)

## OPTIONS

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

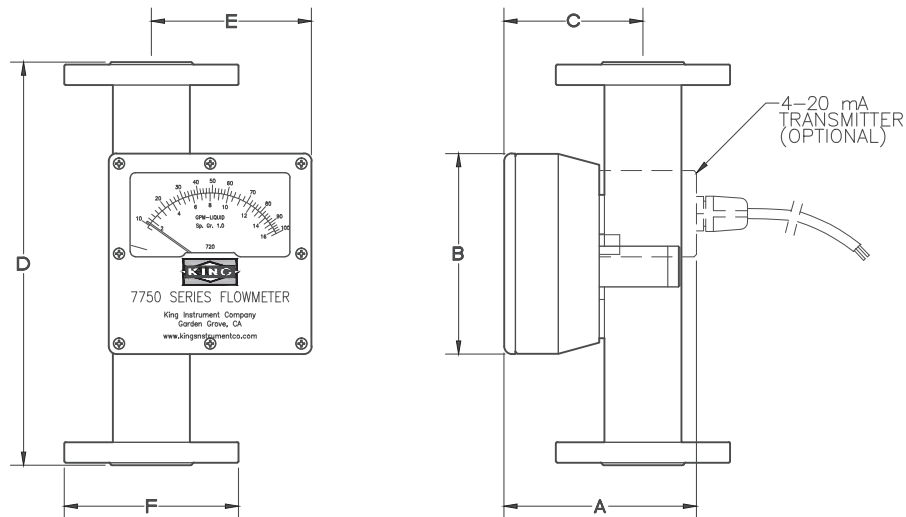
# 7750 Series Specifications

## Stainless Steel Tube

Order Number	Full Scale Flow GPM-Water	Meter	Dimension (Inches) FNPT Connections					150 # Flange F	300 # Flange G
			A	B	C	D	E		
706	33.0 GPH	1/2"	5.82	4.90	2.91	9.84	3.83	3.50	3.75
708	1.1 GPM	1/2"	5.82	4.90	2.91	9.84	3.83	3.50	3.75
710	2.0 GPM	1/2"	5.82	4.90	2.91	9.84	3.83	3.50	3.75
712	4.0 GPM	1/2"	5.82	4.90	2.91	9.84	3.83	3.50	3.75
716	5.0 GPM	1"	5.82	4.90	3.25	9.84	3.95	4.25	4.90
718	10.0 GPM	1"	5.82	4.90	3.25	9.84	3.95	4.25	4.90
720	16.5 GPM	1"	5.82	4.90	3.25	9.84	3.95	4.25	4.90

Order Number	Full Scale Flow SCFM - Air	Meter	Dimension (Inches) FNPT Connections					150 # Flange F	300 # Flange G
			A	B	C	D	E		
705	2.2 SCFM	1/2"	5.82	4.90	2.91	9.84	3.83	3.50	3.75
707	4 SCFM	1/2"	5.82	4.90	2.91	9.84	3.83	3.50	3.75
709	8 SCFM	1/2"	5.82	4.90	2.91	9.84	3.83	3.50	3.75
711	16.5 SCFM	1/2"	5.82	4.90	2.91	9.84	3.83	3.50	3.75
715	20 SCFM	1"	5.82	4.90	3.25	9.84	3.95	4.25	4.90
717	42 SCFM	1"	5.82	4.90	3.25	9.84	3.95	4.25	4.90
719	76 SCFM	1"	5.82	4.90	3.25	9.84	3.95	4.25	4.90

### DIMENSION DIAGRAM



### ORDERING:

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

Meter Series	Connection Type	Float Material	O-ring Material	Optional Alarm/Transmitter	Order Number
775	150# R.F. Flanged - 2 300# R.F. Flanged - 3	316L SS - 2	No O-ring - 0	None - 0 With Transmitter - T One Alarm (Inductive Slot Sensor) - A Two Alarms (Inductive Slot Sensors) - D	See Specifications table