

7750 Series

Stainless Steel Tube

These 316L Stainless Steel meters feature flange connections, all welded construction (no elastomers), 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

Overall Length

250 Millimeters

Metering Tube

316L Stainless Steel

Internal Components

316L Stainless Steel

Inlet/Outlet Fittings

150# or 300# Flange, Vertical

Elastomers

All Welded Construction, No O rings or Gaskets

Indicator Housing

304 Stainless Steel

Flange Material

316L Stainless Steel

Scale

120 mm Direct reading, detachable

PERFORMANCE

Capacities

33 GPH to 16.5 GPM — Water

2.2 SCFM to 76 SCFM — Air

Scale

120 mm

Direct reading, detachable

Accuracy

± 3% of Full Scale Flow

Turndown

10:1

Repeatability

1%

Max Temperature

400° F (204° C)

Temp F 150# 300#

200° 225 psi 600 psi

300° 200 psi 540 psi

400° 180 psi 515 psi

Max Pressure

Stainless Steel Flange Class

Ambient Temperature

-40° F to 125° F (-40° C to 52° C)

OPTIONS

Alarm

Single or Dual, Inductive Slot Sensor

4-20 mA Transmitter (see page 50)

Certified Calibrations

Conform to ISA RP 16.6

Scales

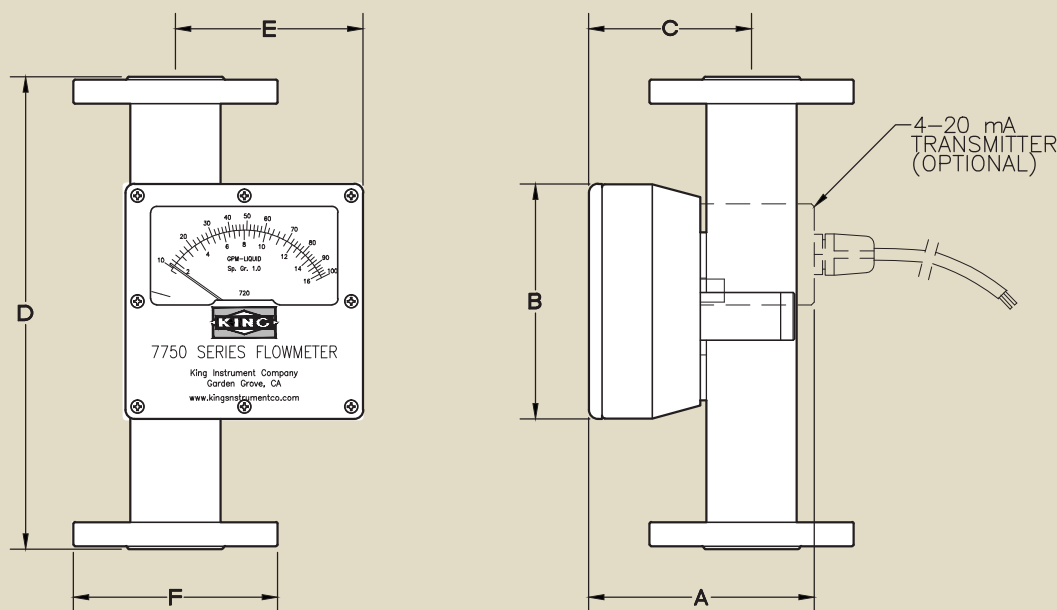
Can be produced in any volumetric unit

SPECIFICATIONS:

Order Number	Full Scale Flow GPM-Water	Meter	Dimension (Inches) FNPT Connections					150 # Flange	300 # Flange
			A	B	C	D	E	F	G
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	300 # Flange
			A	B	C	D	E	F	G
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	316L SS - 2	No O-ring - 0	None - 0	See Specifications Table
	300# R.F. Flanged - 3			With Transmitter - T	
				One Alarm (Inductive Slot Sensor) - A	
				Two Alarms (Inductive Slot Sensors) - D	