

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
33° F to 125° F (1° 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

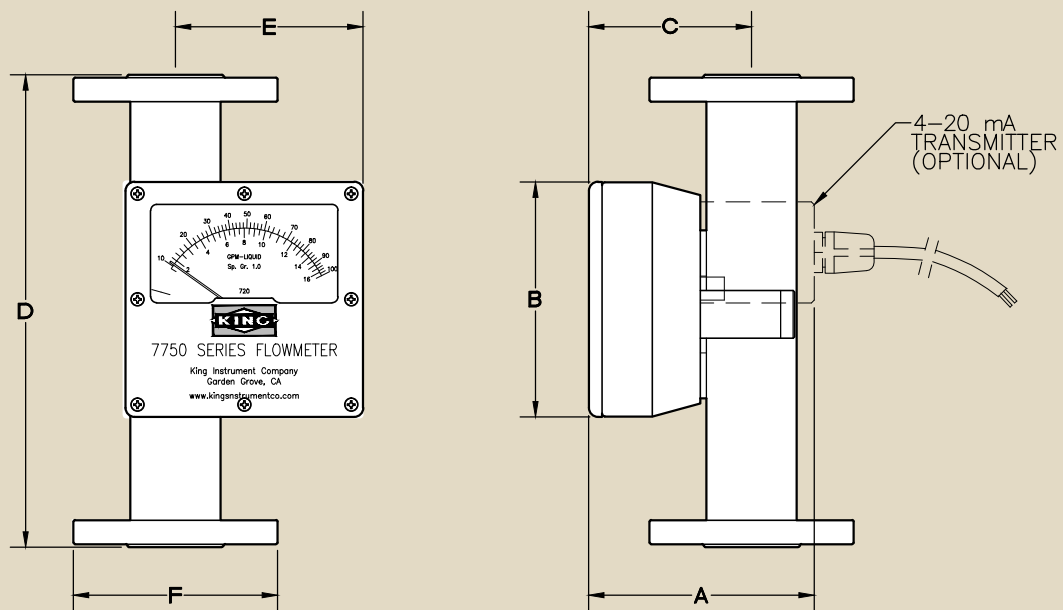
Scales
Can be produced in any volumetric unit

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 - 2 300# 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