



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 SS
- Internal Components**  
316L SS
- Inlet/Outlet Fittings**  
150# or 300# flange, vertical
- O-Ring**  
All welded construction, no O-rings or gaskets
- Indicator Housing**  
Die-cast aluminum /powder coated with chemfilm base (RoHS Compliant) Rated IP66 (Excludes Alarm and Transmitter Cases)

**Flange Material**  
316L SS

**Scale**  
120 mm direct reading, detachable

### PERFORMANCE

- Capacities**  
Water 33 GPH to 16.5 GPM  
Air 2.2 SCFM to 76 SCFM
- Scale**  
120 mm direct reading, detachable
- Accuracy**  
± 3% of full scale flow
- Turndown**  
10:1
- Repeatability**  
1%
- Maximum Temperature**  
400° F (204° C)
- Temp F**

150#	300#
200° 225 psi	600 psi
300° 200 psi	540 psi
400° 180 psi	515 psi
- Maximum Pressure**  
See 150# and 300#  
SS flange class above

- Ambient Temperature**  
-40° F to 400° F  
(-40°C to 204° C)
- Max Pressure**  
Stainless steel flange class
- Ambient Temperature**  
-40° F to 400° F  
(-40° C to 204° C)

### 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	Meter	150 # Flange		300 # Flange	
			D	E	F	G
706	33.0 GPH	1/2"	9.84	3.67	3.50	3.75
708	1.1 GPM	1/2"	9.84	3.67	3.50	3.75
710	2.0 GPM	1/2"	9.84	3.67	3.50	3.75
712	4.0 GPM	1/2"	9.84	3.67	3.50	3.75
716	5.0 GPM	1"	9.84	3.92	4.25	4.88
718	10.0 GPM	1"	9.84	3.92	4.25	4.88
720	16.5 GPM	1"	9.84	3.92	4.25	4.88

Order Number	SCFM Air	Meter	150 # Flange		300 # Flange	
			D	E	F	G
705	2.2 SCFM	1/2"	9.84	3.83	3.50	3.75
707	4 SCFM	1/2"	9.84	3.83	3.50	3.75
709	8 SCFM	1/2"	9.84	3.83	3.50	3.75
711	16.5 SCFM	1/2"	9.84	3.83	3.50	3.75
715	20 SCFM	1"	9.84	3.95	4.25	4.88
717	42 SCFM	1"	9.84	3.95	4.25	4.88
719	76 SCFM	1"	9.84	3.95	4.25	4.88

### 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
7 7 5	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