



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
- Certified Calibrations**
Conform to ISA RP 16.6
- Scales**
Can be produced in 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	3.83	3.50	3.75
708	1.1 GPM	1/2"	9.84	3.83	3.50	3.75
710	2.0 GPM	1/2"	9.84	3.83	3.50	3.75
712	4.0 GPM	1/2"	9.84	3.83	3.50	3.75
716	5.0 GPM	1"	9.84	3.95	4.25	4.90
718	10.0 GPM	1"	9.84	3.95	4.25	4.90
720	16.5 GPM	1"	9.84	3.95	4.25	4.90

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	4.90
717	42 SCFM	1"	9.84	3.95	4.25	4.90
719	76 SCFM	1"	9.84	3.95	4.25	4.90

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