VARIABLE AREA FLOW METER FOR LIQUID FLOW

FL-10 Series

1 YEAR WARRANTY | NIST | RoHS

Optional

- Chemically Inert Wetted Components
- Removable Protective Shield
- Individually Leak Tested

Made entirely of PTFE, PFA, and PCTFE, the FL-10 flow meter is excellent for high-purity applications or use with corrosive liquids. Units are available with a standard valve to monitor and control flow or without a valve to just monitor flow. Flow meters are individually tested on a Mass Spectrometer Leak Detector and certified to a leak integrity rating of 1 X 10-7 sccs Helium or better.

SPECIFICATIONS

Scales: 0 to 10 markings
Accuracy: ±5% of full scale
Maximum Temperature: 121°C (250°F)
Maximum Pressure: 6.7 bar (100 psig)
Leak Integrity: Individually, leak tested and certified to a rating of 1 x 10-7 sccs of Helium

Materials of Construction

Tube Shields: Polycarbonate
Flow Tubes: PTFE PFA
Floats: PTFE
Wetted Parts: PTFE end fittings, PCTFE guide rods

Dimensions

Low Flow: 144 L x 32 mm OD (5 11/16 x 1 1/4")
High Flow: 267 L x 51 mm OD (10 1/2 x 2")

FL-10A-V, shown actual size.

To Order

Low Range				
Model No. with Valve	**Model No. No Valve**	**Max Flow mL/min**	**Max Flow GPH**	**Connections FNPT**
FL-10A-V	FL-10A	125	1.98	¼
FL-10B-V	FL-10B	250	3.96	¼
FL-10C-V	FL-10C	400	6.34	¼
FL-10D-V	FL-10D	500	7.92	¼
FL-10E-V	FL-10E	1000	15.85	¼
FL-10F-V	FL-10F	2000	31.69	⅜
FL-10G-V	FL-10G	2500	39.62	⅜
FL-10H-V	FL-10H	3000	47.54	⅜
FL-10J-V	FL-10J	5000	79.23	⅜
High Range		**L/min**	**GPM**	
FL-10K-V	FL-10K	13	3.43	½
FL-10L-V	FL-10L	20	5.28	½
FL-10M-V	FL-10M	30	7.93	¾
FL-10N-V	FL-10N	40	10.57	¾
FL-10P-V	FL-10P	45	11.89	¾

Comes complete with operator's manual.
*For oxygen cleaning add **"-02CLEAN"** to model number for additional cost.*
*For NIST calibration add suffix **"-NIST"** for additional cost.*
***Ordering Examples: FL-10E,** PTFE variable area flow meter with a maximum flow of 1000 mL/min and 15.85 GPH and ¼ FNPT connection.*
***FL-10K-V,** PTFE variable area flow meter with valve, maximum flow of 13 L/min and 3.43 GPM, ½ FNPT connection.*