

**FSD SERIES**

- |   |                               |
|---|-------------------------------|
| 1) Dial type read out                     | 4) Direct reading scale       |
| 2) Straight flow design                   | 5) Compact, economical design |
| 3) No bends, no seals, no threaded Joints | 6) Perfect safety             |

**OPERATING PRINCIPLE**

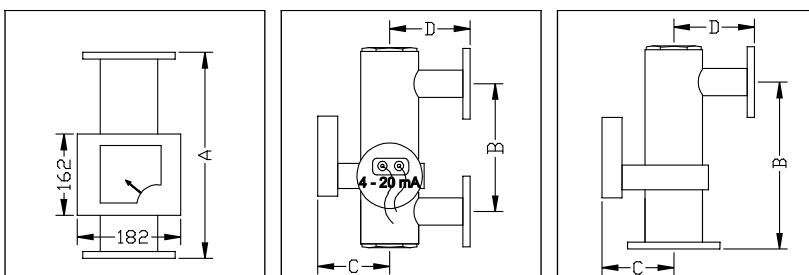
The essential working part is a tapered tube with an imbedded magnetic float. When flow occurs, the position of the float responds to flow driving a follower magnet outside the meter body, with no physical contact. The meter works well with liquids gases even at elevated pressures and temperatures.

**SPECIFICATIONS SERIES FSD**

Meter Body	SS 316L, SS 316, SS 304 etc.
Float	SS 316L, SS 316, PTFE etc.
Indicator Housing	ABS, Optional- Aluminium, SS-304
Temperature Rating	250° C
Pressure Rating	40 Bar
Accuracy	±2% of full scale
Accessories	1) Electronic transmitter with (Steam jacket) 4-20mA O/P 2) Digital Flowrate indicator totaliser 3) Hi - low flow switch

**DIMENSIONS SERIES FSD**

Model & Ranges			Dimensions in mm			
Model No.	Range M <sup>3</sup> /HR Water	Connection Flange Type	'A'	'B'	'C'	'D'
FSD	0.1-1	½"	350	400	135	100
100 S	0.2-2	¾"	350	400	135	100
100	0.3-3	1"	350	400	135	100
	0.5-5	1"	350	400	135	100
200	1-10	1½"	350	400	135	100
	1.5-15	1½"	350	400	135	100
300	2-20	2"	350	400	135	120
	2.5-25	2"	350	400	135	120
400	3-30	2½"	350	400	135	120
	4-40	2½"	350	400	135	120
500	4-40	3"	350	400	155	150
	5-50	3"	350	400	155	150
600	6-60	4"	350	400	155	150
	8-80	4"	500	500	175	170
	10-100	4"	500	500	175	170
700	13-130	5"	500	.....	175	.....
800	16-160	6"	500	.....	200	.....
900	20-200	8"	500	.....	200	.....



Note : Dimensions Can be modified on Request.



**APPLICATIONS**

Process treatment plant manufacturers use this meter due to its ease of installation, perfect safety and easy maintenance. It may be used for monitoring flow of De-mineralized Water, Gases, Acids, Salts, Organic Solvents and most petroleum products.



## PURGE METAL TUBE ROTAMETERS

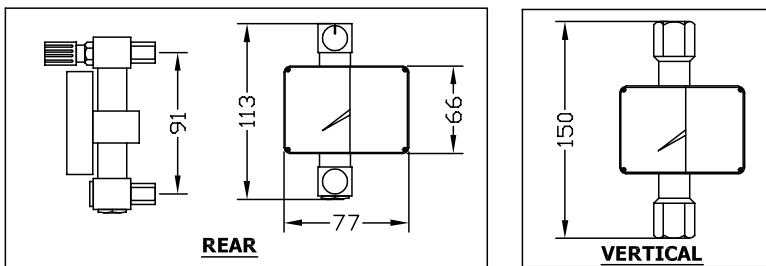
Flowstar purge metal tube Rotameter is a precision low flowrate measuring instrument. The fluid in the metal tube raised the float in the taper tube increasing the area of passage of fluid. Used in water, air and common gases, solvent etc.



### SPECIFICATIONS SERIES FSD/S-50

Meter Body	: SS 316L, SS 316, SS 304 etc.
Float	: SS 316L, SS 316, PTFE etc.
Indicator Housing	: Poly carbonate
Temperature Rating	: 80°C
Pressure Rating	: 10 Bar
Accuracy	: ±5% of full scale
Accessories	: Hi- low flow switch control valve

### OVERALL DIMENSIONS (MM)



### SERIES -FSD/ S-50

Model & Ranges		
Model No.	LPH Water at Ambient Temp.	Connection Threaded BSP 'F' or Flanged
FSD/S-50	1-10	1/4"
	3-30	1/4"
	6-60	1/4"
	10-100	1/4" or 1/2"

## METAL TUBE ROTAMETERS : FSDM

### SPECIFICATIONS SERIES FSDM

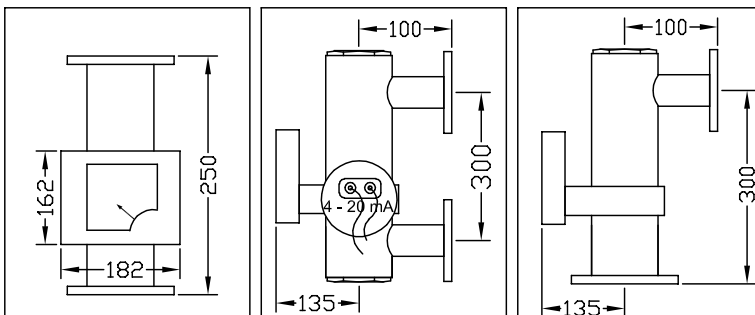


Meter Body	: SS 316L, SS 316, SS 304 etc.
Float	: SS 316L, SS 316, PTFE etc.
Indicator Housing	: ABS, Optional-Aluminium, SS-304
Temperature Rating	: 250°C
Pressure Rating	: 40 Bar
Accuracy	: ±2% of Full Scale
Accessories	: Electronic Transmitter with 4-20 m A O/P, Digital Flowrate indicator totaliser, Hi- low flow switch

### SERIES FSDM



### MODEL & RANGES



Model No.	Range LPH Water	Connections
FSDM 100 S	50-500	1/2"
	100-1000	3/4"
	200-2000	3/4"
100	300-3000	1"
	500-5000	1"
200	800-8000	1 1/2"
	1000-10000	1 1/2"
300	1500-15000	2"
	2000-20000	2"

Note : Dimensions Can be modified on Request.

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