

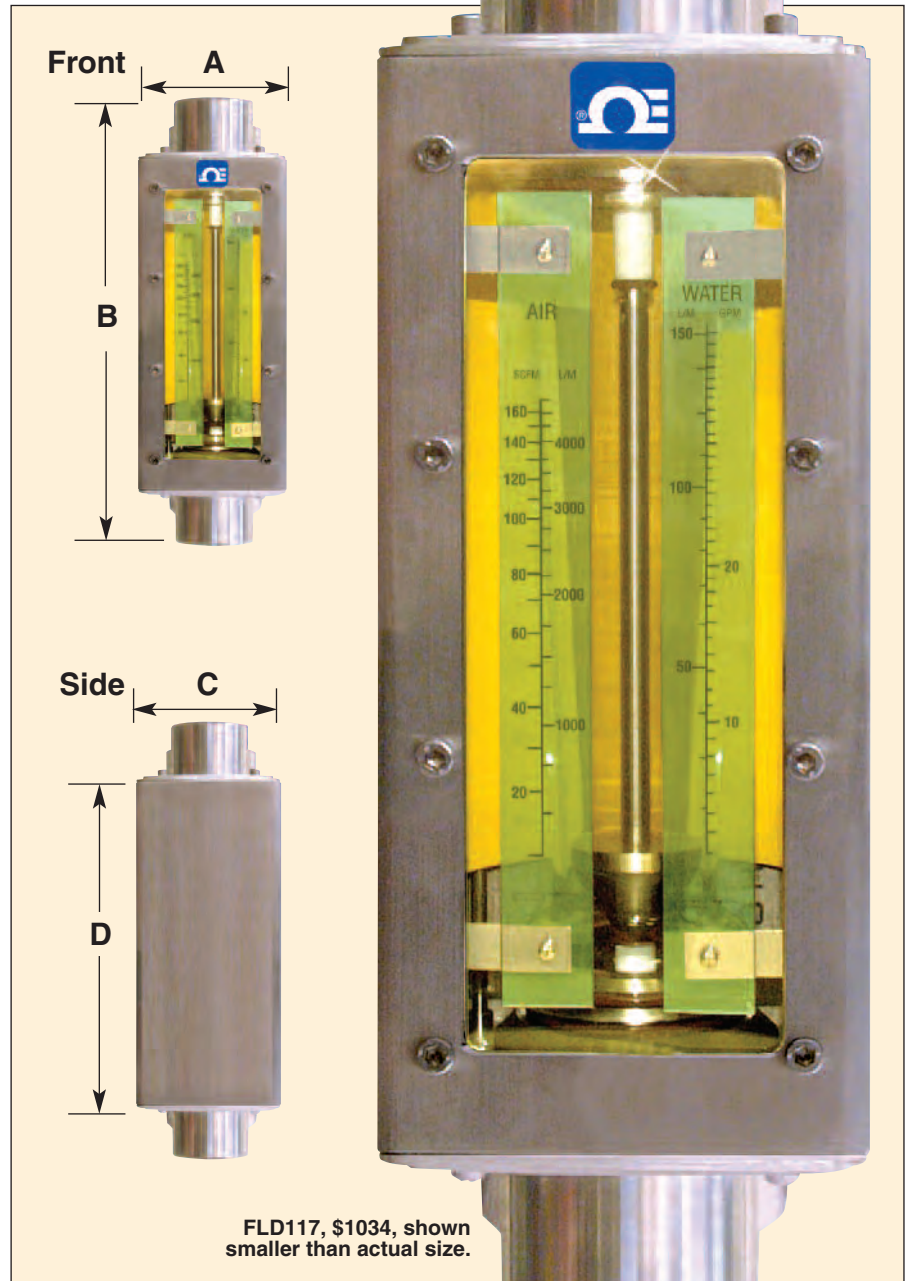
# STAINLESS STEEL FRAME INDUSTRIAL FLOWMETERS

FLD100 Series  
Starts at

**\$484**



- ✓ Heavy-Duty Stainless Steel
- ✓ Thick Polycarbonate Safety Shields
- ✓ Direct Reading Metric and English System Scales
- ✓ Unique Design Facilitates Ease of Maintenance Cleaning Processes
- ✓ Fluted Tubes on Tube Sizes 3 and 4 Tapered Tubes on Larger Sizes



FLD117, \$1034, shown smaller than actual size.

The FLD100 Series heavy-duty flow meters are fully enclosed in a brushed stainless steel case. Ideal for industrial applications with flow rates up to 116 GPM and 250 SCFM. Used with industrial water and air service. Meters are graduated for direct reading of water and air. Flow meters come standard with FNPT end fittings for easy in-line installation or ANSI 150 flanges (-FL)

Tube Size	NPT (F)	Dimensions: mm (in)			
		A	B*	C	D
3 and 4	1/2	51 (2)	242 (9.54)	57 (2.25)	204 (8.04)
5 and 6	1	89 (3.5)	348 (13.69)	95 (3.75)	267 (10.5)
8 and 9	2	127 (5)	396 (15.59)	133 (5.25)	293 (11.55)

\* Without flange

## SPECIFICATIONS

**Accuracy:** ±3% of full scale

**Minimum Flow Rate:** Approximately 10% of maximum flow rate

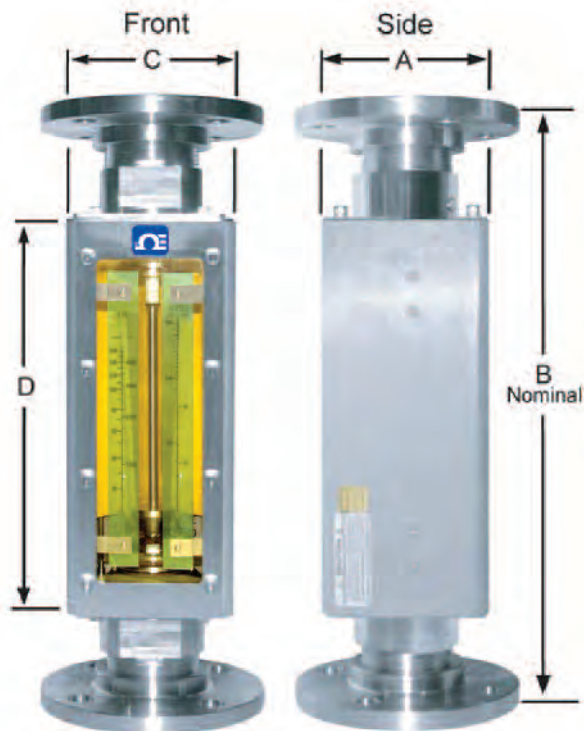
**Repeatability:** ±0.5% of full scale

**Max Pressure:** [at 93°C (200°F)] 200 psi (tube sizes 3, 4, 5 and 6); 125 psi (tube sizes 8 and 9)

**Max Operating Temperature:** 93°C (200°F)

**Wetted Parts:** Include borosilicate glass flow tubes, FKM O-rings, and 316 SS fittings, guide rods, floats and float stops.

**Optional O-rings:** Buna or EPR



Tube Size	Dimensions: mm (in)				
	Flange Size	A	B Nominal	C	D
3 and 4	19.05 (¾)	50.8 (2)	243.3 (9.58)	57.15 (2.25)	204.2 (8.04)
5 and 6	38.1 (1½)	88.9 (3.5)	359.4 (14.15)	95.25 (3.75)	266.7 (10.50)
8 and 9	63.5 (2½)	127 (5)	456.7 (17.98)	133.4 (5.25)	293.4 (11.55)

**MOST POPULAR MODELS HIGHLIGHTED!**

To Order (Specify Model Number)								
FPNT Mount Model No.	Price	Flange Mount Model No.	Price	Max Flow Rate				
				Water GPM	Air SCFM	Water L/min	Air L/min	Tube Size
FLD101	\$484	FLD101-FL	\$568	0.25	1.2	0.95	35	3
FLD102	484	FLD102-FL	568	0.36	1.7	1.3	50	3
FLD103	484	FLD103-FL	568	0.76	3.3	3	90	3
FLD104	484	FLD104-FL	568	1.0	4.2	3.7	120	4
FLD105	484	FLD105-FL	568	1.5	6.5	5.6	180	4
FLD106	484	FLD106-FL	568	2.2	8.5	8.2	250	4
FLD107	561	FLD107-FL	751	3.8	16	14	475	5
FLD108	561	FLD108-FL	751	5.0	21.5	18	650	5
FLD109	561	FLD109-FL	751	6.0	25.5	20	725	6
FLD110	561	FLD110-FL	751	7.4	30	27.5	900	6
FLD111	561	FLD111-FL	751	9.6	40	35	1200	6
FLD112	561	FLD112-FL	751	11	47.5	40	1400	6
FLD113	561	FLD113-FL	751	14	62	50	1800	6
FLD114	561	FLD114-FL	751	20	90	75	2600	6
FLD115	1034	FLD115-FL	1379	22	90	83	2550	8
FLD116	561	FLD116-FL	751	26	—	98	—	6
FLD117	1034	FLD117-FL	1379	41	160	155	4531	9
FLD118	1034	FLD118-FL	1379	44	180	167	5098	8
FLD119	1034	FLD119-FL	1379	60	245	227	6938	9
FLD120	1034	FLD120-FL	1379	61	250	231	7080	8
FLD121	1034	FLD121-FL	1379	86	—	326	—	9
FLD122	1034	FLD122-FL	1379	116	—	439	—	9

Comes complete with operator's manual. NIST traceable calibration not available.

For oxygen cleaning add suffix "-02CLEAN" to model number and \$125 to price.

**Ordering Examples:** FLD106, 2.2 GPM flowmeter for water and air, \$484.

FLD120, 61 GPM flowmeter for water and air, \$1034.

FLD116-FL, 26 GPM flowmeter for water with optional ANSI 150 flange, \$561 + 190 = \$751.



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