

# GLASS TUBE FLOWMETERS

## E-Z TUBE CHANGE WITH MAGNIFYING FRONT SHIELD

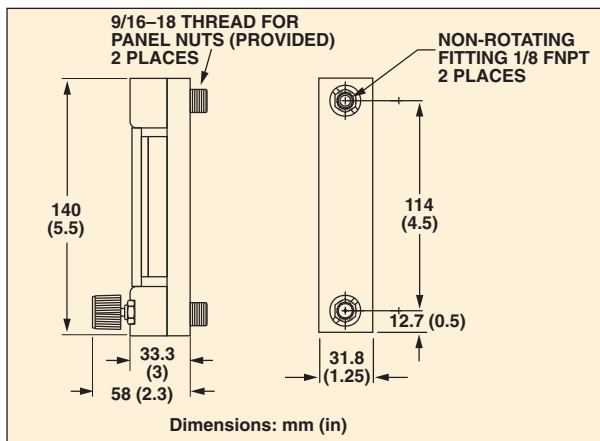
- ✓ Standard Millimeter Scales with Flow Curves
- ✓ E-Z Change Design Allows Quick Interchangeability of Tube Assemblies
- ✓ Glass Tube Allows Compatibility with Most Gases and Fluids
- ✓ Rotating Lens Allows 180° View with Magnification

FL-5000 Series  
Starts at

**\$132**

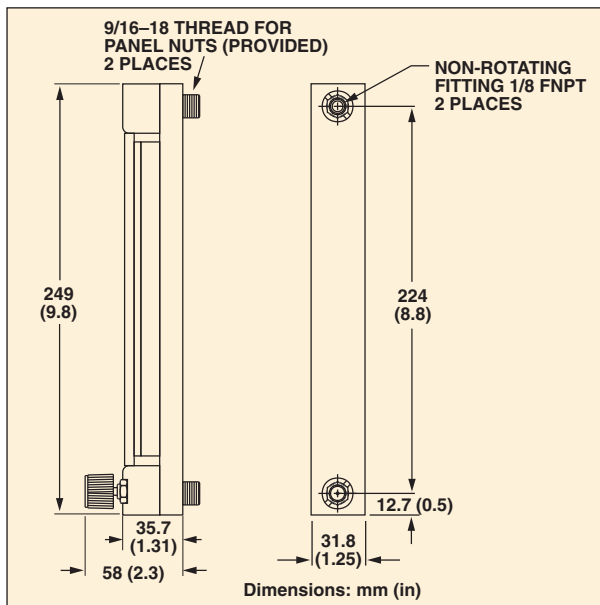


Optional †



### 65 mm (2.5") FLOWMETER

<b>Millimeters</b>	140.0	33.3	58.0	31.8	114.0	12.7
<b>Inches</b>	5.5	1.4	2.3	1.3	4.5	0.5



### 150 mm (5.9") FLOWMETER

<b>Millimeters</b>	245.0	35.7	56.0	31.8	224.0	12.7
<b>Inches</b>	9.8	1.31	2.3	1.25	8.8	0.5



FL-5411G Series flowmeter, \$250, basic model, shown actual size.



FL-5511G-NV Series flowmeter, aluminum, \$123, basic model, shown smaller than actual size.

† Refer to footnote or next page for NIST calibration ordering information.

# SPECIFICATIONS

## Accuracy:

65 mm (2.5"): scale ±5%

150 mm (5.9"): scale ±3%

Back Plate: Aluminum

**Standard Seals:** Aluminum with Buna; stainless steel with FKM

**Tube:** Borosilicate glass

**Pressure:** 200 psi

**Temperature:** 93°C (200°F)

FL-5000 Series rotameters are supplied standard with a 9-turn cartridge valve; optionally available are units without a valve or with a 16-turn non-rising stem precision valve

B

## MOST POPULAR MODELS HIGHLIGHTED

Aluminum Model No.	Price	316 SS Model No.	Price	65 mm (2.6")		Aluminum Model No.	Price	316 SS Model No.	Price	150 mm (5.9")	
				Air cc/min	Water cc/min					Air cc/min	Water cc/min
FL-5311G	\$132	FL-5411G	\$250	51	-	FL-5511G	\$158	FL-5611G	\$275	50	-
FL-5311SA	132	FL-5411SA	250	82	-	FL-5511SA	158	FL-5611SA	275	78	-
FL-5311ST	132	FL-5411ST	250	153	-	FL-5511ST	158	FL-5611ST	275	152	-
FL-5311C	132	FL-5411C	250	284	-	FL-5511C	158	FL-5611C	275	281	-
FL-5311T	147	FL-5411T	265	310	-	FL-5511T	173	FL-5611T	290	315	-
FL-5321G	\$132	FL-5421G	\$250	103	-	FL-5521G	\$158	FL-5621G	\$275	106	-
FL-5321SA	132	FL-5421SA	250	160	-	FL-5521SA	158	FL-5621SA	275	167	-
FL-5321ST	132	FL-5421ST	250	298	-	FL-5521ST	158	FL-5621ST	275	308	-
FL-5321C	132	FL-5421C	250	498	-	FL-5521C	158	FL-5621C	275	497	-
FL-5321T	147	FL-5421T	265	546	-	FL-5521T	173	FL-5621T	290	540	-
FL-5331G	\$132	FL-5431G	\$250	400	-	FL-5531G	\$158	FL-5631G	\$275	400	-
FL-5331SA	132	FL-5431SA	250	550	-	FL-5531SA	158	FL-5631SA	275	555	-
FL-5331ST	132	FL-5431ST	250	855	21.4	FL-5531ST	158	FL-5631ST	275	870	22.2
FL-5331C	132	FL-5431C	250	1275	35.4	FL-5531C	158	FL-5631C	275	1300	36.2
FL-5331T	147	FL-5431T	265	1360	38.4	FL-5531T	173	FL-5631T	290	1400	39.5
FL-5341G	\$132	FL-5441G	\$250	900	18.2	FL-5541G	\$158	FL-5641G	\$275	855	18
FL-5341SA	132	FL-5441SA	250	1200	29.6	FL-5541SA	158	FL-5641SA	275	1135	27.6
FL-5341ST	132	FL-5441ST	250	1800	50.1	FL-5541ST	158	FL-5641ST	275	1710	47.5
FL-5341C	132	FL-5441C	250	2620	76.1	FL-5541C	158	FL-5641C	275	2465	73.2
FL-5341T	147	FL-5441T	265	2790	82.4	FL-5541T	173	FL-5641T	290	2640	78.8
FL-5351G	\$132	FL-5451G	\$250	2580	55	FL-5551G	\$158	FL-5651G	\$275	2290	50
FL-5351SA	147	FL-5451SA	265	3350	85	FL-5551SA	173	FL-5651SA	290	2980	75
FL-5351ST	132	FL-5451ST	250	5030	140	FL-5551ST	158	FL-5651ST	275	4480	125
FL-5351C	132	FL-5451C	250	7270	215	FL-5551C	158	FL-5651C	275	6475	190
FL-5351T	147	FL-5451T	265	7710	230	FL-5551T	173	FL-5651T	290	6805	205
FL-5361G	\$132	FL-5461G	\$250	3930	90	FL-5561G	\$158	FL-5661G	\$275	3425	75
FL-5361SA	147	FL-5461SA	265	5080	130	FL-5561SA	173	FL-5661SA	290	4465	115
FL-5361ST	132	FL-5461ST	250	7510	220	FL-5561ST	158	FL-5661ST	275	6600	190
FL-5361C	132	FL-5461C	250	10700	325	FL-5561C	158	FL-5661C	275	9475	285
FL-5361T	147	FL-5461T	265	11315	345	FL-5561T	173	FL-5661T	290	9990	305
FL-5371G	\$132	FL-5471G	\$250	6000	130	FL-5571G	\$158	FL-5671G	\$275	9180	215
FL-5371SA	147	FL-5471SA	265	7800	200	FL-5571SA	173	FL-5671SA	290	11990	315
FL-5371ST	132	FL-5471ST	250	11450	335	FL-5571ST	158	FL-5671ST	275	17810	515
FL-5371C	147	FL-5471C	265	16340	500	FL-5571C	173	FL-5671C	290	24970	765
FL-5371T	157	FL-5471T	275	17250	535	FL-5571T	183	FL-5671T	300	26170	825
FL-5381G	\$132	FL-5481G	\$250	10100	235	FL-5581G	\$158	FL-5681G	\$275	23740	565
FL-5381SA	147	FL-5481SA	265	12980	350	FL-5581SA	173	FL-5681SA	290	30270	830
FL-5381ST	132	FL-5481ST	250	18960	560	FL-5581ST	158	FL-5681ST	275	44050	1335
FL-5381C	147	FL-5481C	265	26525	830	FL-5581C	173	FL-5681C	290	61410	1950
FL-5381T	157	FL-5481T	275	28115	885	FL-5581T	183	FL-5681T	300	66370	2080
FL-5391G	\$132	FL-5491G	\$250	15750	375	<b>FLOAT MATERIAL CODES</b> Black Glass (G) Sapphire (SA) Stainless Steel (ST) Carboly (C) Tantalum (T)					
FL-5391SA	147	FL-5491SA	265	20170	545						
FL-5391ST	132	FL-5491ST	250	29400	880						
FL-5391C	147	FL-5491C	265	41175	1305						
FL-5391T	157	FL-5491T	275	43410	1385						
FL-5392G	\$132	FL-5492G	\$250	23640	570						
FL-5392SA	147	FL-5492SA	265	30090	825						
FL-5392ST	132	FL-5492ST	250	43340	1305						
FL-5392C	147	FL-5492C	265	61120	1920						
FL-5392T	157	FL-5492T	275	65850	2055						

Units come complete with operator's manual and correlation sheets for water and air.

1. To order units without valves, add suffix "-NV" to model number, consult sales for price.

2. To order units with high resolution valves, add suffix "-HRV" to model number, consult sales for price.

† For optional 10-point NIST certificate add suffix, "-NIST" to the model number, add \$500 to price and two weeks to the standard lead time.

**Ordering Examples:** FL-5651T-HRV, 150 mm glass tube, stainless steel-tantalum float flowmeter with high resolution valves, \$370.

FL-5361C, 65 mm glass tube, carboly float, \$132.

Recommended Reference Book: Calibration: A Technicians Guide, OP-20, \$79.  
See Section Y For Additional Books





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