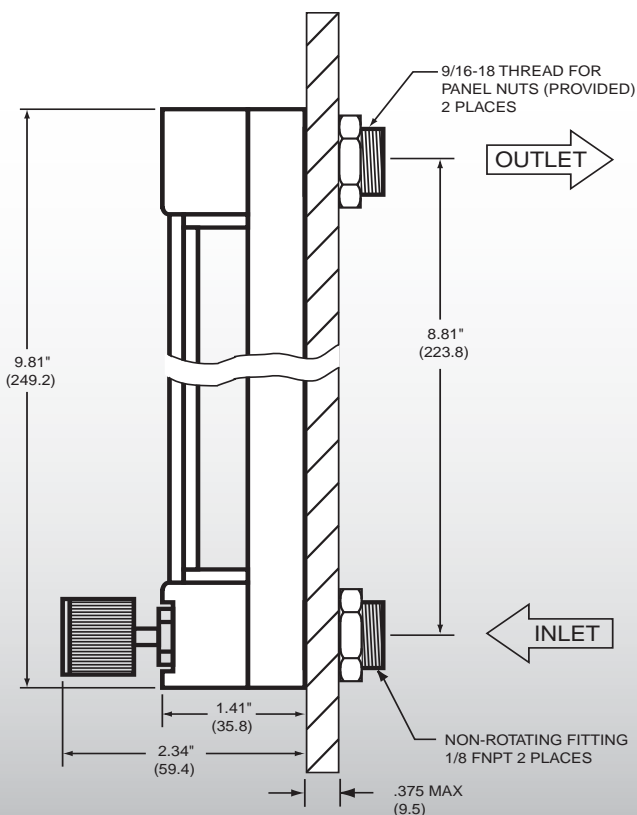


560 Series 150mm Flowmeter

The 560 Series 150mm variable area flowmeters offer inherent simplicity, versatility, and economy in a precision flow instrument. The 150mm scale is particularly suited for metering critical flows in laboratories, pilot plants or process applications as well as controlling carrier gases used in chromatography.

Flow readings from the millimeter scale are converted to actual flow using the calibration chart provided with the flowtube. CONCOA offers a wide variety of flowtube and float combinations to provide the optimum flow range for your application.



Features

Rib-Guided Tube Internals

Precise stable flow readings

Rotating Magnifier Lens

Enhances reading resolution

Two Panel Mount Retaining Nuts

Easy industrial panel mounting

Flowtubes Easily Interchangeable

One flowmeter frame accommodates a wide range of flow requirements

Materials

Flowtube

Heavy-walled borosilicate glass

Front Shield

Lexan polycarbonate

End Fitting

Brass or 316L stainless steel

Seals

Buna-N (aluminum)
Viton® (316L stainless steel)
EPDM (optional)
Kalrez® (optional)

Specifications

Accuracy

±3% full scale

Repeatability

±.25% full scale

Maximum Pressure

200 PSIG (14 BAR)

Maximum Temperature

200°F (93°C)

Useful Flow Range

10:1

Flow Control



Ordering Information

560	A	B	C	D	-CON(X)
Series 560	Tube Size*	Float Material*	Material	Valve	End Connection*
	1: 1	1: Glass	0: No frame* (fitting and float only)	0: Tube and float only	000: 1/4" FPT
	2: 2	2: Sapphire	1: Black anodized aluminum†	1: Standard valve	TF2: 1/8" tube
	3: 3	3: 316L stainless steel	2: 316L stainless steel†	2: High-accuracy valve*	TF4: 1/4" tube
	4: 4	4: Carbolloy	*Not available with a valve †not available without a valve	* Not available with tube size 8 (a=8)	HB4: 1/4" hose barb <i>*For EPDM/EPR seals, add "E" after the end connection. For Kalrez® seals, add "K" after end connection.</i>
	5: 5	5: Tantalum			
	6: 6	<i>*Please see selection chart below for air flow information</i>			
	7: 7				
	8: 8				
	<i>*Please see selection chart below for air flow information</i>				

Selection Chart

Tube Size	Float Material	Air Flow (14.7 psia @ 70° F)	
		ml/min	SCFH
1	1 (glass)	50	0.11
1	2 (sapphire)	78	0.17
1	3 (stainless steel)	152	0.32
1	4 (carbolloy)	281	0.6
1	5 (tantalum)	315	0.67
2	1 (glass)	100	0.21
2	2 (sapphire)	155	0.33
2	3 (stainless steel)	295	0.63
2	4 (carbolloy)	490	1.04
2	5 (tantalum)	530	1.12
3	1 (glass)	400	0.85
3	2 (sapphire)	550	1.17
3	3 (stainless steel)	850	1.8
3	4 (carbolloy)	1275	2.7
3	5 (tantalum)	1375	2.92
4	1 (glass)	850	1.8
4	2 (sapphire)	1150	2.44
4	3 (stainless steel)	1750	3.71
4	4 (carbolloy)	2480	5.26
4	5 (tantalum)	2730	5.79

Tube Size	Float Material	Air Flow (14.7 psia @ 70° F)	
		ml/min	SCFH
5	1 (glass)	2300	4.88
5	2 (sapphire)	2950	6.25
5	3 (stainless steel)	4450	9.43
5	4 (carbolloy)	6375	13.5
5	5 (tantalum)	6825	14.5
6	1 (glass)	3500	7.42
6	2 (sapphire)	4550	9.65
6	3 (stainless steel)	6800	14.4
6	4 (carbolloy)	9730	20.6
6	5 (tantalum)	10300	21.8
7	1 (glass)	10200	21.6
7	2 (sapphire)	13025	27.6
7	3 (stainless steel)	19050	40.4
7	4 (carbolloy)	27000	57.2
7	5 (tantalum)	28500	60.4
8	1 (glass)	25000	53
8	2 (sapphire)	32500	68.9
8	3 (stainless steel)	46200	97.9
8	4 (carbolloy)	65700	139.3
8	5 (tantalum)	72600	153.9

Related Options

Order No.	Description
560 0001	Tripod base
565 0001	Brass regulator adapter kit
565 0002	316L stainless steel regulator adapter kit