

Variable Area Flowmeter Product Portfolio



Sho-Rate™
Glass Tube Meter



GT1600
Glass Tube Meter



MT3750
Metal Tube Meter



MT3809
Metal Tube Meter

■ = Standard Option Available

Full Scale flow Air Values based on reference conditions of 70°F 1 atm at STP	l/h	1,200,000					45,000	CFH
		73,000					2,500	
		22,000					810	
		3,400					120	
		46					1.62	
		16					0.57	
		6.7					0.24	
		3					0.11	
Full Scale flow H ₂ O	l/h	100,000					27,000	GPH
		4,900					1,300	
		1,000					280	
		100					27	
		0.96					0.25	
		0.11					0.03	
		0.035					0.01	
Operating Pressure	Bar	430.9					6,250	Psi
		275.8					4,000	
		34.5					500	
		13.8					200	
		0					0	
Operating Temperature	°C	420					788	°F
		204					400	
		121					250	
		1					33	
		-50					-58	
		-198					-325	
Accuracy	10%							
	5%							
	3%							
	2%							
	1%							
	6 VDI/VDE FS						3810 Only	
	4 VDI/VDE FS							
	2.5 VDI/VDE FS							
Repeatability	1% FS						ELF Only	
	0.5% FS							
	0.25% FS							
Connection Types (Select Sizes)	Flange							
	Flange - Elbow							
	NPT (f)							
	NPT (m)							
	RC (f)							
	Integral Thread							
	VCR							
	Compression							
	Hose							

More specific information on product offerings can be found on each product datasheet. Special device configurations outside of the standard product offering are available. Please consult your local sales representative for more information.



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Wetted Materials	Connection Materials / End Blocks	Stainless Steel	316	316/316L	316L	316/316L
		Brass				
		Aluminum				
		Monel® K500				
		Inconel 625				
		Titanium Gr. II				
		Hastelloy® C276				
	Tube	Borosilicate Glass				
		Stainless Steel			316L	316/316L
		Monel® K500				ELF only
		Inconel 625				
		Hastelloy® C276				
		Titanium Gr. II				
		Tefzel® Lined Stainless Steel				TFE Only
	Float	Glass				
		Stainless Steel	316	316/316L	316L	316L (Non TFE Meter)
		Sapphire				
		Carboloy®				
		Tantalum				
		Titanium Gr. II				
		Monel® K500				ELF Only
		Inconel 625				
		Hastelloy® C276				
		PVDF				TFE Meter Only
	Float Stops	Stainless Steel	316		316L	316L
		Teflon®				
		Monel® K500				
		Inconel 625				
		Hastelloy® C276				
		Titanium Gr. II				
		PVDF				
	Elastomers	Buna		O-Rings	O-Rings	O-Rings
		Viton®				O-Rings
		EPM/EPR/EDPM				
		Kalrez®				O-Rings
		None			Welded	Non ELF Meter
		Neoprene				
		Teflon®			O-Rings	O-Rings
Electronics & Alarms	Inductive Sensor(s) / Switch(es)					
	Inductive Sensor(s) / Switch(es) with Relay Options					
	Reed Switch(es)					
	MAT Transmitter					
	HART Transmitter					
	Foundation Fieldbus					
Certificates & Approvals	International Agency Approvals					
	SIL2 for Alarm Options					
	Calibration Certificates					
	Material Certificates					
	Testing Certificates					
	Cleaning Certificates					
Valve Available						
Flow Controller Available						