

AIR/GAS FLOWMETERS																								
Manufacturer	Inferential Flowmeters					Variable Area/Rotameter Type Flowmeters				Measuring Volumetric Flow Rates				Measuring Air/Gas Mass Flow Rates			Integrated Electronics or Transmitters							
	Type	Maximum Air/Gas Temp./Pressure (PSIG)	Typical Accuracy	Dirty Air/Gases	Corrosive Gases	Range of Flow Rates	Maximum Air/Gas Temp./Pressure (PSIG)	Dirty Air/Gases	Corrosive Gases	Typical Accuracy	Type	Maximum Air/Gas Temp./Pressure (PSIG)	Dirty Air/Gases	Corrosive Gases	Typical Accuracy	Type	Maximum Air/Gas Temp./Pressure (PSIG)	Dirty Air/Gases	Corrosive Gases	Typical Accuracy	4-20 mA Output Signal	Digital Output Networking	Smart Sensors	
Alicat Scientific 520/290-6060											SS	50°C 125			±1% FS	●	●	●			●	●	●	
Blue-White Industries 714/893-8529						4-48 scfm	190°F 150 psi		±3%												●	●		
Cole-Parmer Instruments Co. 847/549-7600, 800/323-4340	OP	50°C 100psi	±2%	●	●	0.2-137000 mL/min	250°F 200 psi	●	●	2-3% FS	PO,TU UL,VO	250°F 5000psi	●	●	1%	CO HW	122°F 1500psi	●	●	1% FS	●	●	H ●	
Dwyer Instruments 219/879-8000						.05-.5/80- 1800 scfh air	150°F 150		±2- 5%							SS				±1.5 FS				
E Instruments Group LLC 215/750-1212											TU	176°F 6900fpm	●	●	±3%	HW	176°F/ 5900fpm	●	●	±2%				
Emco Flow Systems 970/407-6949											TU VO	750°F 300psi	●		1.5%							●	●	
Emerson Process 215/362-3500						0.039-21000 lpm	600°F- 10000 psig	●	±2% FS							HW CO			±0.2% 1.0%		●	●	H ● M ● R4	
Esko Industries Ltd. 604/984-4201	OP	120°C 285psi	±3% FS			0-450 scfm	12°C 290psi		±5%													●		H
Fluid Components International 760/744-6950																HO CO	850°F 13000 psi	●	●	0.1% 1%		●	●	H
Hedland Flow Meters 262/639-6770						0.5-5 to 20-2200 scfm	240°F 1500 psi	●	●	±2% FS												●	●	
Hi Q Environmental Products 858/549-2820	OP,VE	400°C 10 psi	±2% psi	●	●	10 ccm - 60 cfm	250°C 10 psi	●	●	±2% FS	PO	250°C 10 psi	●	●	±2% FS	HO CO	300°C 10	●	●	±2%	●	●	●	●
Hoffer Flow Controls 252/331-1997											TU	300°F 6170	●		±1%							●	●	●
Intek Inc. 614/895-0301												600°F 11000 psi	●	●	±1%	HO	600°F 11000 psi	●	●	±1%		●	●	
King Instrument Co. 714/891-0008						55 cc/mn- 350scfm	400°F/ 4000psi	●	●													●		
Kobold Instruments Inc. 412/788-2830	OP	212°F 580 psig	±3% FS			300 scfm	600°F- 5000 psig	●	±2% FS		TU,VO PO	300°F 4600 psig	●	●	±1% FS	SS	50°C 500 psig	●	●	±1.5% FS	●	●		
Kurz Instruments Co. 831/646-5911		-40-200 300	±.1/2% ●	●													-40°C 3000	●	●			●	●	
McCrometer 951/652-6811	OP	1400°F +8600psi	±0.5% ●	●																		●	●	●
Omega Engineering Inc. 203/359-1660, 800/826-6350						0.2cc/min- 7080l/min	120°C 300psig	●	●	2%FS	TU,VO PO	260°C 5000psi	●	●	1%	HO SS	121°C 150psi			2%	●	●		
Preso Meters Corp. 262/417-1151	VE	1200°F 2000	.1% ●	●		.02-300 gpm	240°F- 1500	●	±2% FS		TU,VO UL,PO	300°F	●	●	±1%							●	●	
R C M Industries 925/687-8363	NO	350°F 400	3% FS	●		5-40 scfh/ 3000-20000 scfm	350°F 400	●	3% FS													●	●	
Sierra Instruments Inc. 831/373-0200	TH	750°F 1500	15 rate	●							VO,HO PO,UL	750°F 1500	●	●	1%	SS	400°F 1500	●	●	2%	●	●	M ●	
T S I Inc. 651/490-2811																HO	50°C					●		
Thermal Instrument Co. 215/355-8400		800- 10000 psi	.5% ●	●								800°F 10000 psi	●	●	.5%	SS HW	800°F 10,000 psi	●	●	.5%	●	●	M ●	
Weber Sensors Inc. 770/592-6630	TH	212°F 10bar	5% ●	●		0-30m/s																●		

KEY

INFERENTIAL FLOWMETERS

- NO Nozzle
- OP Orifice Plate
- TH Thermal
- VE Venturi

VOLUMETRIC FLOW

- PO Positive Displacement Meters
- TU Turbine or Vane Type Flowmeters
- UL Ultrasonic Flowmeters
- VO Vortex Shedding Meters

AIR/GAS MASS FLOW

- CO Coriolis Type Meters
- HO Hot Wire Thermal Flowmeters
- SS Solid State or IC Type Thermal Flowmeters

NETWORKING CAPABILITY

- H Hart Protocol
- M Modbus
- R4 RS-485