



aerospace
climate control
electromechanical
filtration
fluid & gas handling
hydraulics
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process control
sealing & shielding



Variable Area Flow Meter Product Overview



ENGINEERING YOUR SUCCESS.



Variable Area Flow Meter Product Overview

Type & Style	Model	Flow Rate Capacities		Temperature Limits	
		Air Equivalent @ 14.7°F & 70°F	Water Equivalent @ 70°F	Process Temperature Min – Max	Ambient Min - Max
Purgemeter – Glass 	65mm & F65mm	45 SCCM - 67800 SCCM 0.045 SLPM - 67.8 SLPM 0.0953 SCFH - 143.64 SCFH	0.57 CCM - 1965 CCM	Up to 200°F *	33°F to 125°F (1°C to 52°C)
	150mm & F150mm	34 SCCM - 65370 SCCM 0.034 SLPM - 65.37 SLPM 0.0720 SCFH - 138.51 SCFH	0.39 CCM - 2160 CCM	Up to 200°F *	33°F to 125°F (1°C to 52°C)
	P210	21.5 SCCM - 53850 SCCM 0.0215 SLPM - 53.85 SLPM 0.0456 SCFH - 114 SCFH	0.8 GPH - 32 GPH	Up to 248°F (120°C) *	33°F to 125°F (1°C to 52°C)
	P220	53.8 SCCM - 64620 SCCM 0.0538 SLPM - 64.620 SLPM 0.1140 SCFH - 137 SCFH	0.8 GPH - 32 GPH	Up to 248°F (120°C) *	33°F to 125°F (1°C to 52°C)
	P230	21.5 SCCM - 64620 SCCM 0.0215 SLPM - 64.620 SLPM 0.0456 SCFH - 137 SCFH	0.8 GPH - 32 GPH	Up to 248°F (120°C) *	33°F to 125°F (1°C to 52°C)
	P430	66 SCCM - 70000 SCCM 0.066 SLPM - 70 SLPM 0.1398 SCFH - 148 SCFH	.011 GPH - 28 GPH	Up to 250°F (121°C) *	33°F to 125°F (1°C to 52°C)
	P260	1077 SCCM - 53850 SCCM 1.077 SLPM - 53.850 SLPM 2.2820376 SCFH - 114.1 SCFH	0.8 GPH - 32 GPH	Up to 248°F (120°C) *	33°F to 125°F (1°C to 52°C)
Purgemeter – Acrylic 	P270	2.15 SLPM - 323 SLPM	16 GPH - 160 GPH	Up to 122°F (50°C)	33°F to 125°F (1°C to 52°C)
	P520 & P530	2.6 SCFM to 60 SCFM	7 GPH to 1200 GPH	Up to 130°F (54°C) *	33°F to 125°F (1°C to 52°C)
Purgemeter – Glass – High Flow 	P240	1500 SLPH - 36000 SLPH 57 SCFH - 1368 SCFH 0.95 SCFM - 22.8 SCFM	16 GPH - 476 GPH	Up to 248°F (120°C) *	
	P250	N/A for gas applications	60 LPH - 1800 LPH 16 GPH - 476 GPH 0.2667 GPM - 7.9 GPM	Up to 248°F (120°C) *	
	P450	56.633 SLPM - 566.33 SLPM 120 SCFH - 1199.98 SCFH 2 SCFM - 20 SCFM	16 GPH - 476 GPH	Up to 200°F (93°C)	33°F to 125°F (1°C to 52°C)
Glass Tube 	P310	113 SLPM - 9344.56 SLPM 6.1 SCFM - 330 SCFM 240 SCFH - 198000 SCFH	1.5 GPM - 150 GPM	Up to 200°F (93°C) *	33°F to 125°F (1°C to 52°C)
	P459	25.4 SLPM - 9910.89 SLPM 0.9 SCFM - 350 SCFM 54 SCFH - 21000 SCFH	0.22 GPM - 100 GPM	Up to 250°F (121°C) *	33°F to 125°F (1°C to 52°C)
	P460	56.6 SLPM - 396 SLPM 2 SCFM - 14 SCFM 120 SCFH - 840 SCFH	0.5 GPM - 25 GPM	Up to 250°F (121°C) *	33°F to 125°F (1°C to 52°C)
	P480	25.4 SLPM - 9910.89 SLPM 0.9 SCFM - 350 SCFM 54 SCFH - 21000 SCFH	0.22 GPM - 132 GPM	Up to 200°F (93°C) *	33°F to 125°F (1°C to 52°C)
	P900	32.5 SLPM - 8155.25 SLPM 1.15 SCFM - 288 SCFM 69 SCFH - 17280 SCFH	0.27 GPM - 85 GPM	Up to 200°F (93°C) *	33°F to 125°F (1°C to 52°C)
Metal Tube 	P100	28.3 SLPH - 3400 SLPH 0.4717 SLPM - 56.66 SLPM 1 SCFH - 120 SCFH	0.16 GPH - 25 GPH 0.0027 GPM - 0.4167 GPM	Up to 400°F (204°C) *	33°F to 400°F (1°C to 204°C) *
	P710	113 SLPM - 2831 SLPM 4 SCFM - 100 SCFM 240 SCFH - 6000 SCFH	33 GPH - 27000 GPH 0.55 GPM - 450 GPM	Up to 400°F (204°C) *	33°F to 125°F (1°C to 52°C)
	P750	62.2 SLPM - 2152 SLPM 2.2 SCFM - 76 SCFM 132 SCFH - 4560 SCFH	33 GPH - 990 GPH 0.55 GPM - 16.5 GPM	Up to 400°F (204°C)	33°F to 125°F (1°C to 52°C)
	P800	213 SLPM - 10769.8 SLPM 452 SCFH - 22820 SCFH 7.53 SCFM - 380 SCFM	8 GPM - 440 GPM	-4°F–572°F (-20°C–300°C) *	-58°F–212°F (-50°C–100°C) *
	P810 Lined	Check for gas applications	5.2 GPM - 220 GPM	-14°F–248°F (-10°C–120°C)	-13°F–212°F (-25°C–100°C)

* Please refer to catalog sheet for more information. A Quick Response Code (QR Code/QRC) is provided on the back cover.



Industry and Application

Oil & Gas

- Steam Injection into production wells
- Diluent Injection for extraction and transportation
- High pressure flow measurement from offshore exploration
- Gas and liquid flow indication
- Recycled gas flow measurement
- Flow measurement of anti-corrosion and scale inhibitors
- Flow measurement of acids, bases, chloridic and sulphuric substances
- Odorant Injection
- Methanol Injection to prevent freezing
- Utilities

Petrochemical

- Condensate, steam and cooling flow measurement
- Process utility fluids flow measurement
- Analyzer Sample, Fast loop, and Calibration gas Flow

Chemical

- Tank and Vessels Blanketing
- Flow measurement of additives into process
- Flow measurement of inhibitors, emulsiuers, dosing, catalyzation
- Gas Sparging
- Condensate and steam flow measurement
- Process line purging
- Inertisation of vessels and tanks

Pharmaceutical

- Dionized and demineralised water measurement
- CIP (Clean In Place) and SIP (Steam In Place) steam metering
- Gas delivery for bio-reactors
- Liquid media storage/transfer
- solvents, alcohol, and cleaning agents flow measurement

Water and Waste Water

- Chlorination & Effluent Water Treatment Plants
- Mineral Water Treatment
- Oxygen aeration

Laboratories and Test Facilities

- Low flow measurement of liquids and gases

General Purpose

- Lube Oil flow Measurement
- Pump Seal flow measurement
- Process measurement and control
- Process Purging

* Please refer to catalog sheet for more information.



WARNING – USER RESPONSIBILITY

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