KOBOLD Flow Instrumentation/Media Cross Reference Chart*

KOBOLD Technology Category	Specific Technology Type	Model	Product Description	Media*												Flow Range	Page
				Liquid								Gas					
				Clean	Dirty	Aggressive	Viscous	Abrasive	Oil-Based	Ultra-Pure H_2O	Slurries	Clean	Dirty	Aggressive	Steam		
Rotameter - Variable Area	Rotameter - Variable Area	BGF	All-Metal Armored Flow Meter	✔	✖	◆	◆	✖	◆	◆	✖	✔	✖	◆	◆	0.002...0.02 GPM to 60...570 GPM (0.008...0.08 SCFM to 140...1,400 SCFM)	22
		BGN	All-Metal Armored Flow Meter	✔	✖	◆	◆	✖	◆	◆	✖	✔	✖	◆	◆	0.044...0.44 GPM to 26.4...264 GPM (0.17...1.7 SCFM to 100...1000 SCFM)	22
		BVO	OEM Flow Meter and Switch	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.1...1.0 GPM to 1...13 GPM	22
		KDF/ KDG	Micro Flow Meter and Switch	✔	✖	◆	✖	✖	✖	✔	✖	✔	✖	◆	✖	0.02...2.5 LPH to 16...160 LPH (0.5...5 Nl/h to 500...5,000 Nl/h)	21
		KFR	Acrylic Flow Meter	✔	✖	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.02...2 GPH to 2...20 GPM (0.1...1 SCFH to 10...100 SCFM)	21
		KFS	Acrylic Flow Meter	✔	✖	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.08...0.8 GPH to 16...160 GPH (0.08...1 SCFH to 100...1200 SCFH)	21
		KSK	All-Plastic Low-Flow Flow Meter and Switch	✔	◆	✔	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.006...0.05 GPM to 11.8...60 GPM (0.06...0.27 SCFM to 3.5...18.3 SCFM)	21
		KSM	All-Plastic Flow Meter and Switch	✔	◆	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.06...0.66 GPM to 35...264 GPM (0.5...3 SCFM to 50...400 SCFM)	21
		KSR/ SVN	Low Volume Flow Switch	✔	✖	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.03...4 GPH (0.1...13 SCFH)	21
		KSV	Economical Micro Flow Meter	✔	✖	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.04...0.4 GPH to 2...20 GPH (0.3...3 SCFH to 10...100 SCFH)	21
		S-Series	All-Metal Flow Switch	✔	✖	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.075...0.25 GPM to 1...14 GPM (0.2...1.1 SCFM to 3...70 SCFM)	22
		SM	High Pressure All-Metal Flow Meter and Switch	✔	✖	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.04...0.6 GPM to 4...40 GPM (0.2...1 SCFM to 5...130 SCFM)	22
		SMN	Flow Switch	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.4...13 GPM	23
		SV	Float-Type Flow Meter and Switch	✔	✖	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.075...0.35 GPM to 2.5...40 GPM (0.25...1.25 SCFM to 10...150 SCFM)	22
		SWK	Compact Flow Meter and Switch	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.05...0.1 LPM to 13...24 LPM	21
		URK/ URM	Glass Variable Area Flow Meter	✔	✖	◆	✖	✖	✖	◆	✖	✔	✖	◆	✖	0.004...0.4 GPM to 66...220 GPM (0.011...0.11 SCFM to 30...300 SCFM)	22
		VKA	OEM Viscosity-Compensating Flow Meter	✔	✖	✖	✔	✖	✔	✖	✖	✖	✖	✖	✖	2...6.3 GPM to 8...26 GPM	23
		VKG	Viscosity-Compensating Flow Meter and Switch	✔	✖	◆	✔	✖	✔	✖	✖	✖	✖	✖	✖	0.03...0.12 GPM to 2...21 GPM	23
		VKM	All-Metal Viscosity-Compensating Flow Meter and Switch	✔	✖	◆	✔	✖	✔	✖	✖	✖	✖	✖	✖	0.03...0.12 GPM to 2...20 GPM	23
		VKP	Plastic Flow Meter and Switch	✔	✖	◆	✔	✖	✔	✖	✖	✖	✖	✖	✖	0.5...5 GPM to 5...26 GPM	23

✔ = Normally ◆ = Possibly (Consult Factory) ✖ = Not Suitable/Applicable

**This chart is a guide for a generalized overview of the flow instrumentation line. Each application is unique and all factors should be carefully considered when selecting the appropriate technology. For more in-depth assistance, contact our engineering staff at 412-788-2830. Purchaser assumes all responsibility and accompanying liability in the final product selection.*



KOBOLD Flow Instrumentation/Media Cross Reference Chart*

KOBOLD Technology Category	Specific Technology Type	Model	Product Description	Media*												Flow Range	Page
				Liquid								Gas			Steam		
				Clean	Dirty	Aggressive	Viscous	Abrasive	Oil-Based	Ultra-Pure H_2O	Slurries	Clean	Dirty	Aggressive			
Paddle Type	Target-Type	DPT	Target Type Flow Meter	✔	◆	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	1.5...8 GPM to 225...500 GPM	24
	Paddle-Type	FPS	Insertion Paddle Flow Switch	✔	◆	◆	◆	✖	◆	◆	✖	✖	✖	✖	✖	0.9...4.4 GPM to 375...760 GPM	24
		LSP	Flow Switch for HVAC	✖	✖	✖	✖	✖	✖	✖	✖	✔	✖	✖	✖	195...1,575 FPM	24
		PPS	Plastic Paddle Flow Switch	✔	✖	✖	✖	✖	✖	◆	✖	✖	✖	✖	✖	5...9.5 GPM to 19...28.5 GPM	24
		PSR/ PS	Paddle Flow Switch	✔	◆	◆	✖	✖	◆	◆	✖	✖	✖	✖	✖	0.6...1.2 GPM to 101...140 GPM	23
	Flap-Type	TSK	Flap-Style Flow Meter	✔	◆	◆	✖	✖	◆	◆	✖	✖	✖	✖	✖	6.6...26.4 GPM to 880...6,600 GPM	24
Pos. Displacement	Spherical Gear	ZDM	Positive Displacement Flow Meter	✔	✖	◆	✔	✖	✔	✖	✖	✖	✖	✖	✖	0.0005...0.5 GPM to 0.4...138 GPM	26
	Oval Gear	DON	Positive Displacement Flow Meter	✔	✖	◆	✔	✖	✔	✖	✖	✖	✖	✖	✖	0.13...9.5 GPH to 40...660 GPM	26
		DON-H	Oval Gear Flow Meter for High Pressures	✔	✖	◆	✔	✖	✔	✖	✖	✖	✖	✖	✖	0.13...9.5 GPH to 0.26...10.6 GPM	26
		OVZ	Oval-Gear Flow Meter	✔	✖	◆	✔	✖	✔	✖	✖	✖	✖	✖	✖	0.08...2.1 GPM to 0.42...10.6 GPM	26
Rotating Vane	Paddle-Wheel	DF-Series	Paddle-Wheel Flow Meters and Flow Sensors	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.02...0.14 GPM to 1.5...36 GPM	24
		DFT	Paddle-Wheel Flow Sensor	✔	✖	✔	✖	✖	✖	✔	✖	✖	✖	✖	✖	0.05...0.5 GPM to 0.8...15 GPM	24
		DPE	Paddle-Wheel Flow Meter	✔	◆	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	1.5...8 GPM to 15...200 GPM	25
		DPL	All-Plastic, Low Flow Sensor	✔	✖	✔	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.4...8 GPH to 16...400 GPH	24
		DRB	Paddle-Wheel Flow Meter	✔	◆	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	1.5...8 GPM to 15...200 GPM	25
		DRG	Paddle-Wheel Flow Sensor	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.15...3 GPM to 3...37 GPM	25
		DRH	Paddle-Wheel Flow Sensor	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.05...0.2 GPM to 0.66...13.2 GPM	25
	Pelton Wheel	DPM	Pelton-Wheel Flow Sensor	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.24...4.8 GPH to 0.8...80 GPH	25
		DTK	Pelton-Wheel Flow Sensor	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.8...9.5 GPH to 16...190 GPH	25
		KFF/ KFG	Low Volume Rotating Vane Flow Meter	✔	✖	◆	✖	✖	✖	✔	✖	◆	✖	◆	✖	13...100mL/min to 1...10 L/min (20...100 mL_N/min to 100...500 L_N/min	25
	Turbine	DOT	Turbine Flow Meter/Monitor	✔	✖	◆	✖	✖	◆	◆	✖	✖	✖	✖	✖	0.5...5 GPM to 240...2,400 GPM	25
		DRS	OEM Turbine Flow Sensor	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.6...10.5 GPM	25

✔ = Normally ◆ = Possibly (Consult Factory) ✖ = Not Suitable/Applicable

**This chart is a guide for a generalized overview of the flow instrumentation line. Each application is unique and all factors should be carefully considered when selecting the appropriate technology. For more in-depth assistance, contact our engineering staff at 412-788-2830. Purchaser assumes all responsibility and accompanying liability in the final product selection.*



KOBOLD Flow Instrumentation/Media Cross Reference Chart*

KOBOLD Technology Category	Specific Technology Type	Model	Product Description	Media*												Flow Range	Page
				Liquid								Gas					
				Clean	Dirty	Aggressive	Viscous	Abrasive	Oil-Based	Ultra-Pure H_2O	Slurries	Clean	Dirty	Aggressive	Steam		
Without Moving Parts	Coriolis	HPC	Mini Coriolis Mass Flow Meter	✔	◆	◆	◆	◆	◆	◆	✖	✖	✖	✖	◆	2...20 kg/h to 5...50 kg/h	27
		TMU	High Performance Coriolis Flow Meter	✔	◆	✔	◆	◆	◆	◆	◆	✖	✖	✖	◆	0...1,320 lbs/hr to 0...2,200 tons/hr	27
		TMU-W	High Pressure Coriolis Flow Meter	✔	◆	✔	◆	◆	◆	◆	◆	✖	✖	✖	◆	Max. 4 kg/min H_2	27
	Differential Pressure	RCD	Ultra-Rugged DP Flow Meter	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.2...0.88 GPM to 100...600 GPM	27
		RCM	Orifice Flow Meter	✔	✖	✔	◆	✖	◆	◆	✖	✔	✖	◆	✔	0.3...2 GPM to 400...3,000 GPM (1.5...10 SCFM to 3,000...20,000 SCFM)	27
	Magnetic	EPS	Magnetic Flow Meter	✔	✔	✔	✔	✔	✖	✖	✔	✖	✖	✖	✖	0.01...0.50 GPM to 1,120...44,800 GPM	28
		MIK	Magnetic Flow Meter	✔	✔	✔	◆	✖	✖	✖	✖	✖	✖	✖	✖	0.18...7.8 GPH to 9.5...180 GPM	28
		MIM	All-Metal Magnetic Flow Meter	✔	✔	✔	◆	✖	✖	✖	✖	✖	✖	✖	✖	0.16...16 GPH to 0.8...170 GPM	28
		MIS	All-Metal Magnetic Flow Meter	✔	✔	✔	◆	✖	✖	✖	✖	✖	✖	✖	✖	2...277 to 18...4,400 GPM	28
		PIT	Insertion Magnetic Flow Meter	✔	✔	✔	✔	✔	✖	✖	◆	✖	✖	✖	✖	up to 2,009 to 513,620 GPM	28
		PITe	Magnetic Flow Meter	✔	✔	✔	✔	✔	✖	✖	◆	✖	✖	✖	✖	79.2...792 GPM to 1,980...19,800 GPM	28
	Thermal	KAL	Temperature-Compensating Thermal Flow Switch	✔	✔	✔	✖	✔	✖	◆	✖	✖	✖	✖	✖	0.02...1.0 GPM to 130...6,400 GPM	26
		KAL-A	Thermal Flow Sensor	✔	✔	✔	✖	✔	✖	◆	✖	✖	✖	✖	✖	0.08...4.0 GPM to 130...6,400 GPM	26
		KAL-D	Compact Thermal Flow Switch	✔	✔	✔	✖	✔	✖	◆	✖	✖	✖	✖	✖	0.02...1.0 GPM to 12...575 GPM	26
		KAL-K	Thermal Flow Switch	✔	✔	✔	✖	✔	✖	◆	✖	✖	✖	✖	✖	0.08...4.0 GPM to 130...6,400 GPM	26
		KAL-L	Thermal Air Flow Switch	✖	✖	✖	✖	✖	✖	✖	✖	✔	✖	✖	✖	3.3...65 ft/sec	26
		KET	Thermal Flow Sensor	✖	✖	✖	✖	✖	✖	✖	✖	✔	✖	✔	✖	0.33...164 ft/sec to 0.33...730 ft/sec	27
	Ultrasonic - Clamp-on	DUC	Clamp-on Ultrasonic Flow Meter	✔	◆	✔	✔	✔	✔	✔	◆	✖	✖	✖	✖	0...98 ft/sec	29
	Ultrasonic - Inline	DUK	Compact Ultrasonic Flow Meter	✔	✖	◆	◆	✖	◆	◆	✖	✖	✖	✖	✖	0.16...240 GPH to 0.6...160 GPM	29
	Vortex - Multivariable	DVH	Multivariable Flow Meter	✔	◆	◆	◆	✖	◆	◆	✖	✔	✖	✔	✔	0.89...22 GPM to 141...4,270 GPM (1.8...18 SCFM to 2,071...203,000 SCFM)	29
	Vortex	DVZ	Vortex Flow Meter and Switch	✔	✖	◆	✖	✖	✖	◆	✖	✖	✖	✖	✖	0.13...1.2 GPM to 2.6...26.5 GPM	29
	Oscillation	DOG	Oscillation Flow Meter	✖	✖	✖	✖	✖	✖	✖	✖	✔	◆	◆	✖	0.07...7 CFM to 35...3500 CFM	29

✔ = Normally ◆ = Possibly (Consult Factory) ✖ = Not Suitable/Applicable

**This chart is a guide for a generalized overview of the flow instrumentation line. Each application is unique and all factors should be carefully considered when selecting the appropriate technology. For more in-depth assistance, contact our engineering staff at 412-788-2830. Purchaser assumes all responsibility and accompanying liability in the final product selection.*

