

## Comparing Specifications Side by Side

**Key**

**H** High

**M** Medium

**L** Low

Technology/Spec.	Turndown Ratio	Sizes	Accuracy (%FS)	Repeatability (%)	Upstream Pipe Diameter	Permanent PSI Drop	Relative Cost
Coriolis Flowmeter	25:1	0.1-6"	0.15%	0.1%	0	L	H
DP Mass Flowmeter	40:1	--	0.1%	0.1%	--	--	H
DP Orifice Plate	4:1	>1"	1%	0.1%	10-30	H	L
DP Pitot Tube	4:1	0.5-72"	0.75%	0.1%	10	L	L
DP Venturi	10:1	0.5-72"	1%	0.1%	10	M	L
DP Wedge	10:1	0.5-30"	3%	0.5%	12	H	H
Fluidic Oscillatory	15:1	1-3"	1.5%	0.2%	10	L	H
Magnetic Flowmeter	10:1	>0.1"	0.5%	0.2%	5	L	M
Paddlewheel	3:1	0.1-1.5"	2.5%	1%	0	H	L
Positive Displacement	20:1	0.5-6"	1%	0.3%	0	H	M
Rotameter	5:1	0.2-3"	4-8%	2%	0	M	L
Thermal Dispersion	100:1	0.2-72"	0.5%	0.2%	10	L	H
Turbine Flowmeter	10:1 50:1	>0.25"	0.5%	0.1%	10-20	H	H
V-Notch	300:1	--	2-5%	2%	4H	0	L
Vortex Flowmeter	H	>1"	1%	0.2%	20-30	M	L
Wier	300:1	--	2-5%	2%	4H	0	L