

## Comparison of Different Flow Technology

Meter type / Parameter	Accuracy	Can Change Range?	Gas Release At Change	Turndown Ratio	Liquid Carry Over effect	Permanent Pressure Loss	Maintenance or Rr-Calibration Cost	Installation Straight Pipe	Purchase Cost (To Suit Range)	Moving Parts	Installation Space	Intrusive to flow	Combined Score	Rank
Customer's Priority	1	1	2	2	2	3	3	4	5	5	6	6		
<b>Adjusta-Cone</b>	± 0.5%	Quick	No	60:1	Low	Low	Lowest	6D & 3D	High	R Change	Low	Med	9.75	1
Scoring: 1 = Bad, 5 = Good	4	5	5	5	4	4	5	4	3	4	5	4		
<b>Standard Cone</b>	± 0.5%	NA	No	10:1	Low	Low	Highest	6D & 3D	Lowest	None	Low	Med	7.25	2
Scoring: 1 = Bad, 5 = Good	4	0	5	3	4	4	1	4	5	5	5	4		
<b>Spool Piece Ultrasonic</b>	± 0.5%	NA	No	10:1	Medium	Low	Highest	10D & 5D	Highest	None	Med	Low	6.7	3
Scoring: 1 = Bad, 5 = Good	4	0	5	3	3	5	1	3	1	5	5	5		
<b>Coriolis</b>	± 0.35%	NA	No	38:1	Medium	High	Highest	0D & 0D	High	None	Low	High	6.5	4
Scoring: 1 = Bad, 5 = Good	5	0	5	4	2	1	1	5	3	5	5	1		
<b>Turbine</b>	± 0.5%	NA	No	10:1	High	High	Highest	10D & 5D	Lowest	Always	Med	High	5	5
Scoring: 1 = Bad, 5 = Good	4	0	5	3	1	1	1	3	5	1	1	1		
<b>Dual Chamber Orifice</b>	± 0.5%	Slow	Yes	4:1	High	Med	Mid	19D & 40D	Low	R Change	High	Med	4.6	6
Scoring: 1 = Bad, 5 = Good	4	1	1	1	1	3	3	1	5	3	1	3		
<b>Double Block &amp; Bleed Orifice</b>	± 0.5%	Slow	Yes	4:1	High	Med	High	19D & 40D	Mid	R Change	High	Med	4.35	7
Scoring: 1 = Bad, 5 = Good	4	1	1	1	1	3	2	1	4	2	4	3		