

Selection guide

Flow technologies



Model	Coriolis	Magnetic	Vortex	dP flow and Multivariable flow
Technology				
Type of measurement	Linear mass flow measurement Temperature measurement	Linear volumetric flow measurement	Linear volumetric flow measurement Mass flow measurement for steam and liquids	Square root volumetric flow measurement
Liquids				
Clean liquid	Good	Good	Good	Good
Dirty liquid	Good	Good	Limited	Limited
Corrosive liquid	Limited	Good	Limited	Limited
Low conductivity liquid <5 µS	Good	No	Good	Good
High viscosity	Good	Good	No	No
Gas				
Clean gas	Good	No	Good	Good
Dirty/corrosive gas	Limited	No	Limited	Limited
Steam	No	No	Good	Good
Special applications				
High temperature	Good	Limited	Good	Limited
Low temperature	Good	No	Limited	Limited
Low velocity	Good	Good	No	No
Abrasive slurries	Good	Good	No	No
Fibrous slurries	Good	Good	No	No
Dual-phase/emulsion	Good	Limited	No	No
Specifications				
Accuracy	0.1% to 2% optional 0.05%	0.15% to 2%	0.5% to 1% 1.4% for saturated steam mass flow	0.5% to 3%