

Product selection list – Flow measurement

This table will help you in selecting the right measurement solution for your application.

	H250 M40	OPTIFLUX 6050/6100/6300	OPTIMASS 1400/6400/7400	BATCHFLUX 5500	OPTIBATCH 4011
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Measuring principle	Variable area	Electromagnetic	Coriolis mass	Electromagnetic	Coriolis mass
2-wire	X	-	-	-	-
4-wire	-	X	X	X	X
Liquids					
Liquids (e.g. water)	X	X	X	X	X
Low flow rates (<2 l/h)	X	X	X	X	X
High flow rates (>100000 m ³ /h)	-	X	X	-	-
Non-conductive liquids	X	-	X	-	X
Viscous media	O	X	X	O	-
Accuracy	1.6% of volume	0.5%/0.3%/0.2% of volume	0.15%/0.1%/0.1% of mass	0.2% of volume	0.1% of mass
Gases					
Industrial gases	X	-	X	-	X
Low flow rates (<20 l/min)	X	-	X	-	X
High flow rates	O	-	X	-	X
Steam	O	-	O	-	X
Accuracy	1.6% of volume	-	0.5%/0.35%/0.35% of mass	-	0.35% of mass
Special applications					
Hygienic process flowmeter	X	X	X	X	X
Slurry, media with pulps, solids	-	X	O	X	-
Emulsions (oil/water)	X	O	X	X	O
Corrosive CIP liquids (acids, alkalis)	X	X	X	X	X
Non Newtonian fluids	-	-	X	-	X
Bi-directional measurements	-	X	X	X	X

X = suitable, O = suitable under certain conditions, - = not suitable