

	SFM3019	SFM3000	SFM3100	SFM3020	SFM3200 / SFM3200-AW	SFM3300-AW / SFM3300-D	SFM3400-AW / SFM3400-D	SFM4100	SFM4200	SFM5300/ SFM5400
Evaluation Kit	SEK-SFM3019 + SEK Sensor Bridge	SEK-SFM3000 + SEK Sensor Bridge	No	No	SEK-SFM3200 + SEK Sensor Bridge/ EK-F3-CAP + SFM3200-AW	EK-F3-CAP + SFM3300-AW(D)	EK-F3-CAP + SFM3400-AW(D)	SEK-SFM4100 + SEK Sensor Bridge	SEK-SFM4200 + SEK Sensor Bridge	No
Autoclavable / Washable	No	No	No	No	Yes (SFM3200-AW) / No (SFM3200)	Yes (SFM3300-AW) / No (SFM3300-D)	Yes (SFM3400-AW) / No (SFM3400-D)	No	No	No
Flow range	- 10 to 240 slm	- 200 to 200 slm	- 24 to 240 slm	- 10 to 160 slm	- 100 to 250 slm	- 250 to 250 slm	- 33 to 33 slm	0 to 20 slm	0 to 160 slm	various flow ranges 0 to 50 sccm to 0 to 100 slm
Accuracy, offset	0.05 slm	0.05 slm	0.1 slm	0.05 slm	0.05 slm	0.1 slm	0.02 slm	0.03 slm	0.04 slm	0.1% FS
Accuracy [% of MV]	2% (0...240slm) 3% (-10...0slm)	2.50 %	2.5% (< 60 slm) 4% (< 150 slm) 5% (< 240 slm)	2% (0...160slm) 3% (-10...0slm)	2% (- 40 to 80 slm) 3% (- 60 to 100 slm) 7% (- 100 to 250 slm)	3% (- 100 to 100 slm) 7% (- 250 to 250 slm)	3%	3%	2.5 % (< 80 slm) 5 % (> 80 slm)	1%
Low flow range	++	++	+++	+++	+++	++	+++	++	+++	+++
High flow range	++	++	+	+	+	+	++	++	++	+++
Pressure drop	< 0.8 mbar @ 60 slm	< 1 mbar @ 60 slm	< 3 mbar @ 60 slm	< 0.8 mbar @ 60 slm	< 1 mbar @ 60 slm	< 1.8 mbar @ 60 slm	< 1 mbar @ 5 slm	< 25 mbar @ 20 slm	< 20 mbar @ 60 slm	depending on flow range
Fluidic interface	Medical Cone (22 mm) & O-ring	Medical Cone (22 mm) & O-ring	O-ring	Medical Cone (22 mm) & O-ring	Medical Cone (22 mm) & O-ring	Medical Cone (22 mm) & O-ring	Medical Cone (15 mm)	Downmount, Legris connector	Downmount	Downmount, Swagelock, VCR, VCO, Legris, UNF thread
Interface	digital, I ² C	digital, I ² C	analog, voltage	analog, voltage	digital, I ² C	digital, I ² C	digital, I ² C	digital, I ² C	digital, I ² C	digital (RS485, IO-Link, DeviceNet), analog
Sampling time	0.5 ms	0.5 ms	N/A	N/A	0.5 ms	0.5 ms	0.5 ms	4.6 ms	0.5 ms	1 ms
Calibrated for	Air, N ₂ , O ₂	Air, N ₂ , O ₂	Air, N ₂ , O ₂	Air, N ₂ , O ₂	Air, N ₂ , O ₂	Air, N ₂ , O ₂	Air, N ₂ , O ₂	Air, N ₂ , O ₂ , N ₂ O, Ar, CO ₂	Air, N ₂ , O ₂	Air, N ₂ , O ₂ , N ₂ O, Ar, CO ₂ , He, H ₂ Other gases on request
Power supply	3,3V	5V	5V	5V	5V	5V	5V	3.5 to 9 V	5 V	5 V
Operating Pressure Range	Absolute 0.7 to 1.3 bar	Absolute 0.7 to 1.3 bar	Absolute 0.6 to 1.07 bar	Absolute 0.7 to 1.3 bar	Absolute 0.6 to 1.07 bar	Absolute 0.54 to 1.1 bar	Absolute 0.54 to 1.1 bar	Gauge 0 to 6 bar	Absolute 0 to 8 bar	Gauge 0 to 10 bar

