



FS+ series Specifications

P/N: IFSXX

Version : 1.0

	FS series XS	FS series S	FS+ series M+	FS+ series L+
Performance				
Calibrated media	Water	Water, IPA	Water, IPA	Water, IPA
Range	Water, IPA : 0±1.5µL/min	Water: 0±7µL/min IPA: 0±70µL/min	Water, IPA: 0±2mL/min	Water, IPA: 0±40mL/min
Accuracy (m.v.= measured value) also applies to negative values	Water 10% m.v. above 75 nL/min 7.5 nL/min below 75 nL/min	Water 5% m.v. above 0.42 µL/min 21 nL/min below 0.42 µL/min IPA 20% m.v. above 4.2 µL/min 210 nL/min below 4.2 µL/min	Water 5% m.v. above 2.4 µL/min 0.12 µL/min below 2.4 µL/min IPA 20% m.v. above 25 µL/min 5 µL/min below 25 µL/min	Water 5% m.v. above 0.04 mL/min 1.5 µL/min below 0.04 mL/min IPA 20% m.v. above 0.5 mL/min 100 µL/min below 0.5 mL/min
Lowest detectable flow increment	3.7 nL/min	10 nL/min		
Mechanical				
Sensor diameter	25 µm	150 µm	430 µm	1.0 mm
Maximum pressure	200 bar		12 bar	12 bar
Wetted materials	PEEK & Quartz Glass	PEEK & Quartz Glass	PPS, stainless steel 316L Fittings: PEEK/ ETFE	PPS, stainless steel 316L Fittings: PEEK/ ETFE
Dimensions	53x22x9mm		65x36x25mm	
Total mass	10 g		50 g	
Inner volume	1µL	1.5µL	~ 28µL	
Sensor inner diameter	25µL	150µL	400µL	
Fluid connector ports	UNF 6-40 for 1/32" OD tubing		UNF 1/4"-28 flat bottom for 1/16" OD tubing	
Electrical				
Length of the electrical cable	1.5m			