

Flow Meter Model	Micro Flow	HPLC Flow	Prep Flow	High Flow
Part Number	AB-40008	AB-40010	AB-40040	AB-40650
Measuring range	1 nL-80 µL/min	1 µL-5 mL/min	0.1-40 mL/min	0.1-650 mL/min
Maximum resolution	1 nL/min	>0.0005mL/min	0.1 mL/min	0.1 mL/min
Accuracy	>0.2% FSD	>0.2% FSD	>0.2% FSD	>0.2% FSD
Precision	>0.2% FSD	>0.2% FSD	>0.2% FSD	>0.2% FSD
Integration time factor	78, 312(default), 1172, 5781 or 9844 milliseconds			
Maximum pressure	3 MPa(435 psi)	3 MPa(435 psi)	1.2 Mpa(174psi)	0.3 Mpa(43psi)
pH operating range	1 to 11	1 to 11	1 to 11	1 to 11
Measuring cell volume	5 µL	94 µL	58 µL	276 µL
Cell diameter	0.43 mm	1.8 mm	1.4 mm	4
Cell length	37 mm	37 mm	22 mm	22
Fluidic connectors	Female 6-40 flat bottom	Female 1/4"-28 flat bottom	Female 1/4"-28 flat bottom	8 mm Barbed end with tubing***
Pressure drop	1 mbar	0.12 mbar*	<4 mbar	<4 mbar
Sensor Module	Quartz glass (borosilicate) and PEEK		PPS, SS-316 and epoxy resin	
Display	High resolution OLED display			
Control	USB-powered plug-and-play software			
Calibration	Validated with water. Calibrations factors included			
1. Water (validated)	Yes	Yes	Yes	Yes
2. Methanol	Yes	Yes	Yes	Yes
3. THF	Yes	Yes	**	**
4. Acetonitrile/water	Yes	Yes	Yes	Yes
		*@ 5 mL/min with water	** THF is not tolerated *** Tubing type to be agreed on	

Usable temperature range: 10 - 50 C



**For ordering and technical support, please contact:**

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