



M-X Specifications

P/N: IVMSW1

Version : 1.0

Performance

Internal volume	4.5 μ L
Carryover volume	2.8 μ L
Dead volume	None
Rotation time for 180°	400 ms
Switching time from port to port	Down to 136 ms

Mechanical

Weight	590 g
Dimensions	65 x 55 x 118 mm
Mounting system	3x M3 screws
Wetted materials	UHMW-PE, PCTFE
Channel diameter	0.5 mm (0.020 in)
Fittings	$\frac{1}{4}$ -28 (1/16" OD) flangeless with flat ferrule
Max pressure	7 bar (102 psi)
Operating temperature	15-40 °C (41-104 °F)
Humidity	20-80%, non-condensing
Gas compatibility	Dry, oil-free gas, air, any noncorrosive or nonexplosive gas
Liquid compatibility	Aqueous solvent, oil, organic solvent, biological sample

Motor

Configuration	Fast motor
Weight	450 g
Dimensions	42.3 x 60 x 95.9mm

Electrical

Power supply	18-24 VDC
Power consumption	2 A peak
Port communication	RJ45
Software	Oxygen, SDK