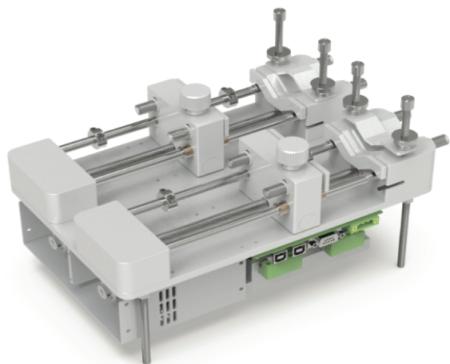


Fusion 4000-X OEM Module Data Sheet



The Fusion 4000-x OEM syringe pump comes with a dual drive system that allows two independent pumping channels to be controlled for simultaneous infusion and withdrawal at same/different flows.

TECHNICAL SPECIFICATIONS

Mode	Infuse & Withdraw
Accuracy	$\pm < 0.35\%$
Reproducibility	$\pm < 0.2\%$
Syringe Size (Min/Max)	0.5 μ L to 100mL
Syringe Type	Plastic and Glass
Syringe Flow Rates	See Syringe Library for Min & Max Flow Rates on Website
Minimum Flow Rate	0.0001 μ L/min (with 0.5 μ L syringe)
Maximum Flow Rate	170.5 mL/min (with 100mL syringe)
Linear Force	90lb (40.82kg)
Maximum Pressure	See Max Pressure on Website
Display	None
Connectivity	USB-B, RS232 and TTL Ports
System Dimensions	11.3 x 7.1 x 7.5 inches (28.7 x 18 x 9 cm)
Power	24V DC 4.6A
Weight	15lbs (7kg)
Motor Drive	1.8° Stepper Motor with Micro-stepping
Step Resolution	0.0293 μ m/step
Operating Temperature	4°C to 40°C (40°F to 104°F)
Storage Temperature	-10°C to 70°C (14°F to 158°F)
Humidity	20% to 80% RH, non-condensing
Installation Category	II
Regulatory Compliance	CE, RoHS, REACH, FCC