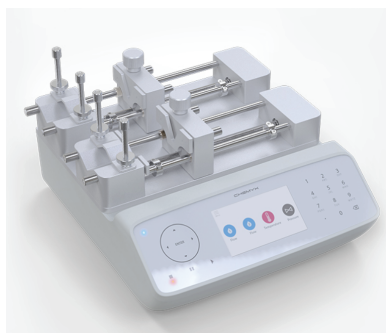


Fusion 4000-X Data Sheet



The Fusion 4000-X is a two independently controlled precision syringe pump that allows two syringes to be set up to run simultaneously or independently.

TECHNICAL SPECIFICATIONS

Mode	Infuse/Withdraw
Accuracy	$\pm < 0.35\%$
Reproducibility	$\pm < 0.05\%$
Syringe Size (Min/Max)	0.5 μ L to 100mL
Syringe Type	Plastic, Glass and Stainless Steel
Syringe Flow Rates	See Syringe Library for Min & Max Flow Rates on Website
Minimum Flow Rate	.0001 μ L/min (with 0.5 μ L syringe)
Maximum Flow Rate	170.5 mL/min (with 100mL syringe)
Linear Force	85 lbs (38.5kg)
Maximum Pressure	See Max Pressure on Website
Display	4.3 inch LCD Glass Touch Screen
Connectivity	USB-B, RS232, RS485 and TTL Ports
System Dimensions	11 x 12 x 4.9 inches (28 x 31 x 13 cm)
Power	110/220 VAC
Weight	19 lbs (8.6kg)
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