

Fusion 4000 - Data Sheet



The Fusion 4000 programmable 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
MINIMUM FLOW RATE	.0001 mL/min (with 0.5mL syringe)
MAXIMUM FLOW RATE	188.3 mL/min (with 100mL syringe)
LINEAR FORCE	65lb (29kg)
SYRINGE SIZE (MIN/MAX)	0.5mL to 100mL
STEP RESOLUTION	0.0293 μ m/step
OPERATIONAL TEMPERATURE	4°C to 40°C (40°F to 104°F)
STORAGE TEMPERATURE	-10°C to 70°C (14°F to 158°F)
ACCURACY	\pm <0.35%
REPRODUCIBILITY	\pm <0.05%
CONNECTIVITY	USB-B, RS232 and TTL Ports
POWER	110/220 VAC
MOTOR DRIVE	0.9° Stepper Motor with Micro-stepping

i SELECT APPLICATIONS

- Micro/Nanofluidics
- Animal Infusion
- Neuroscience
- Mass Spectrometry Infusion
- Electrospinning
- Reagent Dispensing
- Microdialysis
- Stem Cell Injections
- Reactor Feeding

GET MORE - For more tips, a catalog of support articles, and step-by-step tutorial videos, visit www.chemyx.com/support.