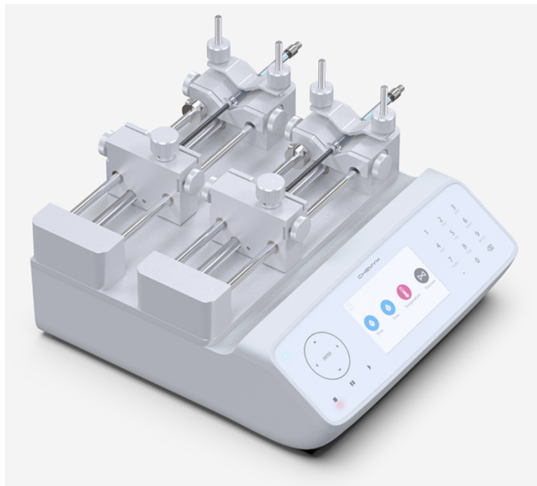


Fusion 4000 Data Sheet



The Fusion 4000 programmable syringe pumps 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 & Withdarw
MINIMUM FLOW RATE	0.0001 μ L/min (with 0.5 μ L syringe)
MAXIMUM FLOW RATE	170.5 mL/min (100mL syringe)
LINEAR FORCE	100lb (45.3kg)
SYRINGE SIZE (MIN/MAX)	0.5 μ L 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	1.8° Stepper Motor with Micro-stepping
MULTI STEPS	Program steps up to 99 step / loop steps up to 99 loop
SCREEN SIZE / TYPE	4.3 inch LCD glass touch screen
DIMENSIONS	11 x 12 x 4.9 inches (28 x 31 x 13 cm)
WEIGHT	19 lbs (8.6kg)