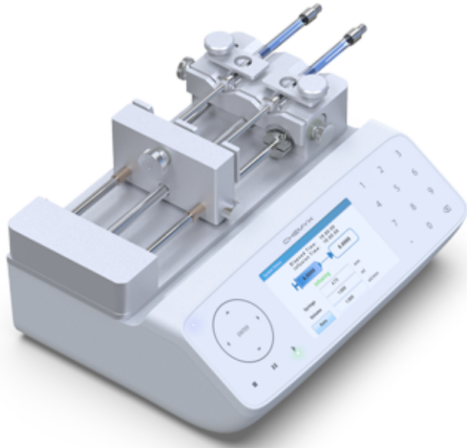


Fusion 200-X Data Sheet



The Fusion 200-X is a modular pump with a full glass touch color screen, a strong pushing force and automatically switches between 110V to 220V. A new accessory of 11-syringe rack can be added on to the pump.

TECHNICAL SPECIFICATIONS

MODE	Infuse & Withdraw
MINIMUM FLOW RATE	0.0001 μ L/min (with 0.5 μ L syringe)
MAXIMUM FLOW RATE	85 mL/min (with 50mL syringe)
LINEAR FORCE	85lb (38.5kg)
SYRINGE SIZE (MIN/MAX)	0.5 μ L to 60 ml syringe
STEP RESOLUTION	0.0528 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 < 0.2%
CONNECTIVITY	USB-B, RS232 and TTL Ports
POWER	110/220 VAC automatically switches between 110V to 220V
MULTI STEPS	Program steps up to 99 step / loop steps up to 99 loop
PARAMETER SETTING	Option to choose time or rate
MODULAR CAPABILITY	Option to add a 11 syringe rack
SCREEN SIZE / TYPE	4.3 inch LCD Touch Screen
DIMENSIONS	9.5 x 8.2 x 4.9 inches (24 x 20.8 x 12.4 cm)
WEIGHT	7 lbs (3.1kg)
MOTOR DRIVE	1.8° Stepper Motor with Micro-stepping