

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
Accuracy	$\pm < 0.35\%$
Reproducibility	$\pm < 0.05\%$
Syringe Size (Min/Max)	0.5 μ L to 60mL
Syringe Type	Plastic, Glass and Stainless Steel
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	85 mL/min(with 50mL syringe)
Linear Force	85lb (38.5kg)
Multi Steps	Program steps up to 99 step / loop steps up to 99 loop
Display	4.3 inch LCD Touch Screen
Connectivity	USB-B, RS232 and TTL Ports
System Dimensions	9.5 x 8.2 x 4.9 inches (24 x 20.8 x 12.4 cm)
Power	110/220 VAC automatically switches between 110V to 220V, 30V
Weight	7lbs (3.1kg)
Motor Drive	1.8° Stepper Motor with Micro-stepping
Step Resolution	0.0528 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)
Modular Capability	Option to add a 11 syringe rack
Parameter Setting	Option to choose time or rate
Humidity	20% to 80% RH, non-condensing
Installation Category	II
Regulatory Compliance	CE, RoHS, REACH, ETL