

Fusion 200 - Data Sheet



The Fusion 200 high-precision infuse/withdraw syringe pump has a broad range of applications. This system supports both simple runs and variable, multi-step volume and rate profiles, along with a multi-syringe rack accessory.

TECHNICAL SPECIFICATIONS

MODE	Infuse/Withdraw
MINIMUM FLOW RATE	0.0001 $\mu\text{L}/\text{min}$ (with 0.5 μL syringe)
MAXIMUM FLOW RATE	128 mL/min (with 60 mL syringe)
LINEAR FORCE	50lb (23kg)
SYRINGE SIZE (MIN/MAX)	0.5 μL to 60mL
STEP RESOLUTION	0.046 $\mu\text{m}/\text{step}$
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
SYRINGE RACK OPTION	10-Channel Syringe Rack

SELECT APPLICATIONS

- Microfluidics
- Animal Infusion
- Neuroscience
- Mass Spectrometry Infusion
- Electrospinning
- Reagent Dispensing
- Microdialysis
- Stem Cell Injections
- Reactor Feeding