

# 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

|                                |  |
|--------------------------------|--|
| <b>MODE</b>                    | Infuse/Withdraw                        |
| <b>MINIMUM FLOW RATE</b>       | 1.6 pL/min (with 0.5µL syringe)        |
| <b>MAXIMUM FLOW RATE</b>       | 114 mL/min (with 60mL syringe)         |
| <b>LINEAR FORCE</b>            | 65lb (29kg)                            |
| <b>SYRINGE SIZE (MIN/MAX)</b>  | 0.5µL to 60mL                          |
| <b>STEP RESOLUTION</b>         | 0.0293 µm/step                         |
| <b>OPERATIONAL TEMPERATURE</b> | 4°C to 40°C (40°F to 104°F)            |
| <b>STORAGE TEMPERATURE</b>     | -10°C to 70°C (14°F to 158°F)          |
| <b>ACCURACY</b>                | ± <0.35%                               |
| <b>REPRODUCIBILITY</b>         | ± <0.05%                               |
| <b>CONNECTIVITY</b>            | USB-B, RS232 and TTL Ports             |
| <b>POWER</b>                   | 110/220 VAC                            |
| <b>MOTOR DRIVE</b>             | 0.9° Stepper Motor with Micro-stepping |

### SELECT APPLICATIONS

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- Animal Infusion
- Neuroscience
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- Electrospinning
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