

Nanojet - Data Sheet



Nanojet is a remotely controlled syringe pump designed for neuroscience use and handling radioactive and highly volatile materials.

TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|--|
| MODE | Infuse/Withdraw |
| MINIMUM FLOW RATE | 0.0001 $\mu\text{L}/\text{min}$ (with 0.5 μL syringe) |
| MAXIMUM FLOW RATE | 1 mL/min (with 1 mL syringe) |
| LINEAR FORCE | 10lb (4.5kg) |
| SYRINGE SIZE (MIN/MAX) | 0.5 μL to 1mL |
| STEP RESOLUTION | 0.298 $\mu\text{m}/\text{step}$ |
| 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 | RS232 |
| POWER | 110/220 VAC |
| PUMP HEADER SUPPORT | Up to 4 independent headers |

SELECT APPLICATIONS

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- Animal Infusion
- Neuroscience
- Radioactive Material Handling
- Electrospinning
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