



Syringe Pump

- * HMI touch screen 4.7"
- * 2 independent injection systems
- * Continuous flow of stream
- * Injection capability in microliter scale
- * Nonvolatile memory
- * Appropriate for high viscosity substances
- * Alarm when injection is completed
- * Infuse/refuse capability



MODEL: NLS 22

NLI syringe pump NLS22 is designed as a low cost unit, capable of holding up to 4(2+2) syringes of any make from 1 to 25 mm (inner diameter). These syringe pumps are ideal for delivering accurate and precise amounts of fluids for a multitude of syringe pump applications including electrospinning, infusing calibration into a mass spectrometer or reaction chamber, long term drug infusion to animals and general infusion applications.

Specifications*	
Input power	100-240VAC;50-60 Hz
No. of syringe(s)	4 (2 syringes each pump)
Display	HMI touch screen 4.7"
Min syringe size	1mm (barrel internal diameter)
Max syringe size	25mm (barrel internal diameter)
Linear Force (Max)	17 kg
Drive motor	1.8° stepper motor
Motor drive control	Microprocessor 1/100 micro stepping
Step resolution	0.075 $\mu\text{m}/\mu\text{step}$
Pusher rate	Min:13.5 $\mu\text{m}/\text{min}$ Max:135mm/min
Min flow rate	2.54 $\mu\text{l}/\text{h}$ (barrel diameter: 1 mm)
Max flow rate	3974 ml/h (barrel diameter: 25 mm)
Operating Temp	0—45 °C
Method of operation	Continuous
Dimension	43 x 36 x 28 cm
Weight	14 kg

* Product specifications are subject to change without prior notice due to engineering innovations