



Welcome to SyringePump.com

Clever Pumps, Priced Right!



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Models:

NE-1000 Single Syringe Pump
NE-4000 Double Syringe Pump
NE-1600/NE-1800 Multi-Syringe Pumps
NE-500 OEM Syringe Pump
NE-300 Just Infusion™ Syringe Pump
NE-1002X Microfluidics Syringe Pump
NE-9000 Dispensing Peristaltic Pump
NE-7000 Adhesive Dispenser

Accessories:

Syringe Heater
Closed Loop Analog Sensor Interface
Pump Software
Pump Accessories
Syringes & Plumbing Supplies

Advanced Pump Systems:

Applications
The Next Generation Continuous Infusion Syringe Pump System
Continuous Infusion, Dual Pump System
Linear/Gradient Pumping Upgrade
Pumping Program Memory Upgrade
OEM Pump & Other Design Services

Resources:

Frequently Asked Questions
Research Papers

OEM Syringe Pumps



NE-500 OEM Syringe Pump



NE-4500 Double OEM Syringe Pump



Customized OEM Syringe Pumps

NE-500 Programmable OEM Syringe Pump



Model: NE-500

Suggested List Price: \$495 USD

NE-500 does not come with a power supply. Please see OEM Starter Kit and OEM Net below.

- **Computer controllable:** networkable up to 100 pumps
- **Stand-alone operation:** pre-program the pump with a dispensing program, then operate the pump from an attached [Foot Switch](#), button, or I/O controller
- Add the [OEM Starter Kit](#) to run as a fully functional, stand-alone pump

Description:

- Does not have a built-in user interface
- Chassis mountable: 9 1/2"L x 4"W x 4 1/8"H (24.13 x 10.16 x 10.5 cm) If chassis does not fit in your system, we make [custom designed OEM syringe pumps](#) to accommodate your specification needs.
- Operates from a 12V DC power source
- Holds 1 syringe up to 60 cc
- Infusion rates from 0.73 µL/hr (1 cc syringe) to 2100 ml/hr (60 cc syringe)
- Includes all the advanced functions and programming features of the NE-1000 family
- Disposable, Glass, Stainless Steel Syringes and Plumbing Supplies are sold separately
- Download [free pump terminal emulator](#) or check out a [Free 30-Day Trial](#) of our Windows based [SyringePumpPro](#)
- Custom modifications to the mechanics and firmware are also available
- Download [Brochure](#)
- Download [User Manual](#)



Catalog:

New Era Pump Systems, Inc.

[SyringePump.com](#)

2013 Catalog



Click image to download New Era 2013 Catalog

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NE-9000 Peristaltic Pump Now Supports 1/16" ID Tubing
Introducing our new addition to our NE-9000 Peristaltic Pump line we are offering a NE-9000 1/16" ID Tubing head which will enable you to perform lower flow rates with your application. The NE-9000 1/16" ID head enables a higher degree of precision dispensing. Over 10 times the precision level of our standard peristaltic head.

\$500 OFF
With 30 Day Trial

Introducing PharmaTubing
3/16" ID x 3/16" OD x 110" length
We offer our PharmaTubing in a variety of materials and configurations. It features a unique design that allows for easy installation and removal. It is also compatible with our NE-9000 1/16" ID head. The PharmaTubing is made of high quality materials and is designed to meet the most demanding pharmaceutical applications.

Features/Benefits:

- Tubing is made of high quality materials and is designed to meet the most demanding pharmaceutical applications.
- It is compatible with our NE-9000 1/16" ID head.
- It is made of high quality materials and is designed to meet the most demanding pharmaceutical applications.
- It is compatible with our NE-9000 1/16" ID head.
- It is made of high quality materials and is designed to meet the most demanding pharmaceutical applications.

Unsurpassed Industrial Grade Tubing
3/16" ID x 3/16" OD x 110" length
Unsurpassed industrial grade tubing is available in a variety of materials and configurations. It is designed to meet the most demanding industrial applications. The tubing is made of high quality materials and is designed to meet the most demanding industrial applications.

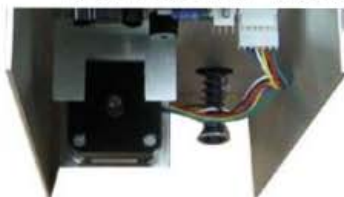
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Not For Clinical Use On Humans

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10/15/2014

Syringe Pump - Advanced Precision Programmable Syringe Pumps - SyringePump.com



Open chassis design easily mounts into your system

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Features of the NE-1000 Family of Syringe Pumps:

- Built for Automation
- Operates from a [computer](#)
- Infusion and withdrawal
- Available in [High Pressure](#), [Stall Detection & Long Chassis options](#).
- Set a single pumping rate and/or dispensing volume
- Program up to 41 pumping phases that change pumping rates, set dispensing volumes, insert pauses, control and respond to external signals, extra I/O expansion port, sound the buzzer
- Network, control, and monitor up to 100 pumps with one [computer](#)
- Motor stall detection available in NE-501 model (\$550)
- Dispensing accuracy of $\pm 1\%$
- Unlimited lifetime technical support
- Two year warranty

Example Flow Rates: NE-500, NE-501, NE-500L & NE-501L

- For a more complete list of flow rates, [download brochure](#).
- Need higher flow rates? [Contact us](#). We have other models available.

Syringe Size	Maximum Rate	Minimum Rate
0.5 μ L	25.49 μ L/hr	0.001 μ L/hr
1 mL	52.86 mL/hr	0.727 μ L/hr
3 mL	223.8 mL/hr	3.076 μ L/hr
5 mL	372.5 mL/hr	5.119 μ L/hr
10 mL	607.6 mL/hr	8.349 μ L/hr
20 mL	966.2 mL/hr	13.28 μ L/hr
30 mL	1260 mL/hr	17.32 μ L/hr
60 mL	2120 mL/hr	29.1 μ L/hr
140 mL	3470 mL/hr	47.7 μ L/hr

NE-500 OEM Single Syringe Pump Models

Model	Standard	High Pressure	Stall Detection	Long Chassis	Suggested List Price
NE-500	X				\$495.00
NE-501	X		X		\$550.00
NE-510		X			\$535.00
NE-511		X	X		\$590.00
NE-500L	X			X	\$510.00
NE-501L	X		X	X	\$585.00
NE-510L		X		X	\$550.00
NE-511L		X	X	X	\$605.00

High Pressure

The NE-500 produces about 15 lbs of linear force at top speed and about 35 lbs at slow speeds. 10 mL/hr is an example of slow speed. The pressure that can be generated is relative to the syringe size. On a 60 mL syringe, this would roughly produce about 30 psi.

The higher pressure versions will approximately double the pumping force at the same speeds.

Example Flow Rates: NE-510, NE-511, NE-510L & NE-511L

- For a more complete list of flow rates, [download brochure](#).
- Need higher flow rates? [Contact us](#). We have other models available.

Syringe Size	Maximum Rate	Minimum Rate
0.5 μ L	91.83 μ L/hr	0.001 μ L/hr

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1 mL	190.4 mL/hr	1.453 µL/hr
3 mL	806.1 mL/hr	6.151 µL/hr
5 mL	1341 mL/hr	10.24 µL/hr
10 mL	2188 mL/hr	16.7 µL/hr
20 mL	3479 mL/hr	26.55 µL/hr
30 mL	4539 mL/hr	34.64 µL/hr
60 mL	7635 mL/hr	58.3 µL/hr

Stall Detection

Includes an optical encoder on the NE-500 that will detect and stop the motor during a stall. Typically used in high pressure applications where there is a risk of exceeding the maximum force specified. Without the optical encoder, the pump will continue to cog the event of a stall.

Long Chassis

Will hold and allow 140 ml syringe to open to its full length.

Do you need an upgrade for your Syringe Pump?

Model: [FW-5-X](#)

Suggested List Price: Add \$55 USD to any OEM models

Extra Features: X upgrade is Linear/Gradient flow rate ramping, additional advanced programming possibilities, and additional i/o functions, attach external switches, sub program selection structure, speed control switch interface

Model: [FW-5-X2](#)

Suggested List Price: Add \$110 USD to any OEM models

Extra Features: X2 upgrade includes all features of the X model plus increases the number of programmable phases from 41 to 340, and increases the max RS-232 baud rate to 38,400

OEM Starter Kit
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**Description:**

- Allows user to interactively communicate to the pump with a [computer](#)
- Includes: [power supply](#), [Pump-to-PC network cable \(CBL-PC-7\)](#), user manual

Model: OEM-STARTER

Suggested List Price: \$25 USD, \$30 UK, \$30 European, \$35 Australian

OEM Net
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Syringe Pump - Advanced Precision Programmable Syringe Pumps - SyringePump.com

Suggested List Price: \$15 USD, \$15 UK, \$15 European, \$20 Australian**Foot Switch**[Back To Top](#)**Description:**

- Start, stop, or trigger the next phase on your syringe pump
- Attach to an NE-500 to allow stand-alone operation
- Utilizes the TTL logic port on syringe pump
- Quick and simple setup

Model: ADPT-FOOTSW-2**Suggested List Price: \$25 USD****International Orders**

New Era Pump Systems, Inc. product line is supported around the globe by our distribution network. You can order our products from our [international distributors](#). Our syringe pumps are CE certified and we have international power supplies available. [Click here for more important details.](#)

**Not For Clinical Use On Humans**

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