



Welcome to SyringePump.com

Clever Pumps, Priced Right!



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Syringe Pumps:
\$275 Just Infusion™

Full Featured Programmable Syringe Pumps:

One Channel
Two Channel
Six, Eight, and Twelve Channel
High Pressure
Microfluidics
OEM & Custom Pumps

Volumetric Dispensing:
Peristaltic Pumps
Peristaltic Plumbing

Advanced Pump Systems:
2 Pump Advanced Systems

The Next Generation Continuous Infusion Syringe Pump System

Linear/Gradient Pumping and Advanced Features

Syringe Heater

Syringes & Plumbing Supplies
Plastic Syringes & Kits

Glass Syringes
Steel Syringes
Plumbing Supplies

Accessories:

Closed Loop Analog Sensor Interface

Pump Software

All Accessories

Resources:

Frequently Asked Questions

User Manuals
Technical Documents

Technical Videos

Research Papers



NE-1000 Programmable Single Syringe Pump

NE-1010 Higher Pressure Programmable Single Syringe Pump



Model: NE-1000

Suggested List Price: **\$775 USD**

Description:

- Holds 1 Syringe from micro-liter sizes up to 60 mL (140 mL partially filled)
- Infusion rates from 0.73 $\mu\text{L/hr}$ (1 mL syringe) to 2100 mL/hr (60 mL syringe)
- Easy-to-use keypad interface
- One-click program upload from "Pumping Program Generator" spreadsheet
- Space Saving Chassis: Foot print size of only 5 3/4" x 8 3/4"
- Won't take up unnecessary space on your laboratory or production bench
- **Includes all the advanced functions and programming features of the NE-1000 series**
- **Disposable, Glass, Stainless Steel Syringes and Plumbing Supplies** are sold separately.
- **Download Brochure**
- **Download User Manual**

Special Application: Continuous Infusion (Push-Pull) and Dual Syringe Pump
Using 2 NE-1000 pumps attached with a cable, one pump will infuse while the other pump refills or have simultaneous infusion.

Features of the NE-1000 Series of Syringe Pumps:

- **Fully programmable**; automation capable
- Operates stand-alone or from a **computer**. **Cables sold separately.**
- Infusion and withdrawal
- 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, sound the buzzer
- Network, control, and monitor up to 100 pumps with one **computer**
- **Worldwide power supplies available**
- Motor stall detection
- Dispensing accuracy of +/-1%
- Unlimited lifetime technical support
- Two year warranty

Model & Firmware Options:

- Available in **Double Pressure NE-1010**, **Even Higher Pressure NE-8000**, and **Microfluidic NE-1002X** and **OEM NE-500** versions
- **Firmware Upgrades** available to enable Linear Pumping and to increase Pumping Program Memory

Example Flow Rates NE-1000:

- 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 μL	25.49 $\mu\text{L/hr}$	0.001 $\mu\text{L/hr}$

Catalog:



Click image to download New Era 2013 Catalog

Newsletter:

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NE-9000 Peristaltic Pump New Supports 1/8" ID Tubing
Introducing PharmD[®] Tubing
\$500 OFF
\$200 OFF

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1 mL	52.86 mL/hr	0.727 µL/hr
3 mL	223.8 mL/hr	3.076 µL/hr
5 mL	372.5 mL/hr	5.119 µL/hr
10 mL	607.6 mL/hr	8.349 µL/hr
20 mL	966.2 mL/hr	13.28 µL/hr
30 mL	1260 mL/hr	17.32 µL/hr
60 mL	2120 mL/hr	29.1 µL/hr
140 mL	3470 mL/hr	47.7 µL/hr

High pressure notes:

The NE-1000 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.

Model NE-1010 doubles the pumping force at equivalent speeds of the NE-1000, plus increases the maximum flow rate.

Model NE-8000 is a more rugged, even higher force, single syringe pump with a top force of 200 lbs.

NE-1010 Higher Pressure Syringe Pump

Model: NE-1010

Suggested List Price: \$855 USD

Description:

- All the features of the NE-1000
- Can approximately double the pressure of the NE-1000
- [Download Brochure](#)

Example Flow Rates NE-1010:

- 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 µL	91.83 µL/hr	0.001 µL/hr
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
140 mL	208.3 mL/min	95.37 µL/hr

Firmware and Program Memory Upgrade Options:

Model: **FW-1-X**

Price: add **\$130 USD** to any NE-1000 model

Extra Features: X upgrade adds Linear/Gradient flow rate ramping, and additional advanced programming functions.

Model: **FW-1-X2**

Price: add **\$230 USD** to any NE-1000 model

Extra Features: X2 upgrade includes all features of the X model plus increases the number of programmable phases from 41 to 340.

SyringePumpPro is fully compatible with syringe pumps!

SyringePumpPro
Control Software for Syringe Pumps

Take Your Pump Control to the Next Level!
SyringePumpPro helps you get your pumps working for you - fast, so you can get to work on your project.

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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