



<b>Syringe Pumps:</b> \$275 Just Infusion™
<b>Full Featured Programmable Syringe Pumps:</b>
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Two Channel
Six, Eight, and Twelve Channel
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Microfluidics
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Peristaltic Pumps
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2 Pump Advanced Systems
The Next Generation Continuous Infusion Syringe Pump System
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<b>Resources:</b>
Frequently Asked Questions
User Manuals
Technical Documents
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## "Push-Pull" Continuous Infusion Dual Syringe Pump System



Model: DUAL-NE-1000

Suggested List Price: \$1510 USD

### The Wonder of the Dual System

The "Push-Pull" Continuous Infusion/Dual Syringe Pump System is **smart, simple and saves you money**. With this system you have **three pumps in one**, at a price that is less than alternative, limited function push/pull or emulsification style pumps. The Dual System allows two pumps to communicate with each other through a synchronization cable. This creates a flexible system that can be re-configured to operate in **continuous flow (push/pull), emulsification or independently** at any time.

### Description:

- Holds 2 syringes up to 60 mL
- Reciprocating Mode allows one pump to infuse while the other withdraws
- Dual Pump Mode allows for duplicate operation of the two pumps.
- Infusion rates from 0.73 µL/hr (1 mL syringe) to 2100 mL/hr (60 mL syringe)
- Available in [Higher Pressure \(Dual NE-1010\)](#) and [2 channel Syringe \(Dual NE-4000\)](#) versions. (Any two syringe pumps in the NE-1000 Series of Syringe Pumps (except NE-300) can be configured as a Dual Pump System. Any system you create will cost the price of the two pumps individually plus \$10 for the synchronization cable.
- Easy-to-use keypad interface
- [Includes all the advanced functions and programming features of the NE-1000 Series](#)
- [Disposable, Glass, Stainless Steel Syringes and Plumbing Supplies](#) are sold separately.
- [Dual Pump Plumbing Kit](#), the syringes and plumbing seen in the above picture, completes the continuous system. (Sold separately)
- [Download Brochure](#)

### Features Exclusive to Dual Pump System:

- Utilizes specialized dual pump synchronization cable to synchronize both pumps.
- Includes: 2 NE-1000 programmable single syringe pumps, synchronization cable, and two power supplies
- Disconnect the cable and you have two independent syringe pumps

### Features of the NE-1000 Series of Syringe Pumps:

- Built for automation
- Operates stand-alone or from a [computer](#)
- 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

### Catalog:



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- Dispensing accuracy of +/-1%
- Unlimited lifetime technical support
- Two year warranty

#### Example Flow Rates for the DUAL-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 µL/hr	0.001 µL/hr
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

### Dual NE-1010 Higher Pressure Syringe Pump

Model: DUAL-NE-1010

Suggested List Price: \$1670 USD

#### Description:

- Same description and all the features of the DUAL-NE-1000 plus more
- Includes: 2 NE-1010 programmable single syringe pumps, synchronization cable, and two power supplies
- Flow rates and pressure of the [NE-1010 Syringe Pump](#)

### Dual NE-4000 2 Channel Syringe Pump

Model: DUAL-NE-4000

Suggested List Price: \$1960 USD

#### Description:

- Same description and all the features of the DUAL-NE-1000 plus more
- Includes: 2 [NE-4000 two channel](#) programmable syringe pumps, synchronization cable, and two power supplies
- Holds 4 syringes up to 60 mL
- If you need to create two continuous infusion streams this requires 2 [Dual Pump Plumbing Kits](#) for full use of all four channels in the system.

#### Dual Pump Plumbing Kit



#### Description:

- For use with our [continuous infusion system](#) or [dual infusion system](#)
- Provides a dual check valve for two syringes, withdraw will pull fluid from a reservoir and infusion will output into a separate line
- The kit is pre-assembled, all you need to do is plug in the syringes
- Each dual check valve uses 6" of 1/8" tubing to connect to a Y connector, one for reservoir and one for output; each Y-connector has 5' of tubing to make connections to your application. Two 50 mL Norm-Ject® Luer Lock Inert syringes are included
- Individual parts are also available

Model: P-DKIT

Suggested List Price: \$20 USD

[International Orders \(click here for important details\)](#)

**Not for clinical use on humans**





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