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Find the *New Era Pump Systems NE-4000* at our website: *Click HERE*

NE-4000 Double Syringe Pump



Model: NE-4000
Price: US $975
Part ID: PUMP-NE4000

Description:

- Holds 2 Syringes up to 60 cc* each, can be different sizes
- Infusion rates from 1.459 µL/hr (1 cc syringe) to 7635 ml/hr (60 cc syringe)
- Easy-to-use keypad interface
- 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 family

Special Application: Continuous Infusion (Push-Pull) and Dual Syringe Pump

Using 2 NE-4000 pumps attached with a cable, one pump will infuse while the other pump refills or have simultaneous infusion.

Features:

- **Fully programmable**; automation capable
- 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
- Dispensing accuracy of +/-1%
- Unlimited lifetime technical support
- Two year warranty

Maximum syringe size:

Although a maximum of a 60 cc syringe is specified, the pump can hold up to a 140 cc syringe but can only open up to about 120 cc lengthwise

High pressure notes:

The NE-4000 produces about 15 lbs(7.5 lbs/syringe) of linear force at top speed and about 100 lbs(50 lbs/syringe) 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

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NE-4000 Double Syringe Pump

Syringe Size (cc)	Maximum Rate (mL/hr)	Minimum Rate (µL/hr)
0.5 µL	91.83	0.001
1 mL	191.2	1.459
3	693.4	5.291
5	1462	11.17
10	2160	16.49
20	3514	26.82
30	4619	35.25
60	7635	58.26

Do you need an upgrade for your Syringe Pump?

Model: FW-1-X **Price: add US $105 to any NE-4000 model**
Extra Features: X upgrade is Linear/Gradient flow rate ramping, and additional advanced programming possibilities.

Model: FW-1-X2 **Price: add US $205 to any NE-4000 model**
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

*** Not for clinical use on humans ***

Artisan Technology Group is an independent supplier of quality pre-owned equipment

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