

# New Era Pump Systems... precise, cost-effective and fully programmable fluid handlers



## NE-1000 Programmable Syringe Pump

This is a high-precision fully-programmable infusion/withdrawal syringe pump designed to be the most functional and cost effective pump on the market today. Its versatile and easy to use interface allows the NE-1000 to be configured for many diverse applications. Even special applications such as the teamwork of two NE-1000 pumps synchronized with a link cable.

The NE-1000's extremely versatile design features include preset volume dispense on trigger and variable withdrawal or infuse flow rates. Flow rates can range from 0.001  $\mu\text{l/hr}$  with a 0.5  $\mu\text{l}$  syringe to 2120  $\mu\text{l/hr}$  with 60 cc syringe.

### UNIVERSAL PUMP FEATURES:

- Fully programmable interface for automation
- Accepts external input to trigger events
- Operate as stand-alone or via RS-232 part
- Program up to 41 commands including changing the pumping rate, set dispensing volume, insert pauses, control & respond to external signals sound the buzzer etc.
- Network, control & monitor up to 100 pumps from one computer
- Worldwide power supplies available
- Motor stall detection
- Two year warranty



## NE-500 OEM Programmable Syringe Pump

Specially designed for the OEM market, the high precision NE-500 allows for easy system integration and control via RS-232 COM port. The NE-500 can network up to 100 pumps for infusion or withdrawal. Stand alone operation is achieved by pre-programming the pump with a dispensing program to operate from an attached foot switch, button or I/O controller. With the addition of a starter kit the NE-500 can run as fully functional, stand alone pump similar to the NE-1000.



### Custom Design & Engineering

We provide custom design services for your special applications and will modify firmware and mechanics to meet your special requirements

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## NE-1600 Programmable Syringe Pump

- Holds 2, 4 or 6 syringes of up to 60 cc each.
- Includes all the advanced functions and programming features of the NE-1000 family.

### Accessories & Functions

#### Ana-box

#### Closed Loop

#### Analog Sensor

#### Interface

- Vary the pumping rate in proportion to a variable voltage input
- Start or stop pump at set-voltages
- Vary pumping rate to maintain voltage window
- Attaches to any pump in the NE-1000 family

#### Syringe Heater

(not for clinical use or humans)

- PID controlled syringe heater for accurate temperature control
- Single or Dual Valve Control Box
- Provides active electronic valve control



## NE-1800 Programmable Syringe Pump

- Holds 2, 4, 6 or 8 syringes of up to 10 cc each
- Includes all the advanced functions and programming features of the NE-1000 family.

### Dual Pump System For Continuous Infusion



- Two individual NE-1000s can be linked together via a sync cable to form a dual pump system

### NE-1000X Gradient Pumping Single Syringe Pump

- An enhanced NE-1000 pump with the ability to produce smooth linear increasing or decreasing gradient flow rates.