

New Era 8000 Series

• **Built for Strength**

- Fast prime and purge
- Adjustable force dial
- Program end points with two adjustable limit switches
- Clamp lock holds syringe tightly in channel
- Designed to hold large syringes up to 200 mL
- Dispensing accuracy to $\pm 1\%$
- Easy-to-use keypad interface
- Infusion and withdrawal
- Fully programmable; automation capable
- Operates stand-alone or [computer controllable](#)
- Accepts external inputs to trigger events
- [Foot Switch](#) (optional) for hands-free operation
- Network, control and monitor up to 100 pumps from one computer port
- [Worldwide power supplies available](#)
- Holds 1 syringe from 0.5 μL to 140 mL (200 mL partially filled)



Program up to 41 Pumping Phases

- Change pumping rates
- Set dispensing volumes
- Insert pauses
- Control and respond to external signals
- Programmable audio alarm indicator

Infusion Rates

- 1.726 $\mu\text{L/hr}$ (1 mL syringe) to 247.4 mL/min (140 mL syringe)

Pumping Force up to 200 lbs.

The **NE-8000 One Channel 200 lb. Force Syringe Pump** is designed with [stainless steel syringes](#) in mind for applications with strong back pressure or higher fluid viscosity, such as emulsification processes. The syringe pump holds one syringe from 0.5 μL to 140 mL and up to 200 mL when syringe is partially filled. The NE-8000 operates independently and is programmable through its keypad.

[Pumping programs](#) can be uploaded and controlled from a computer via an RS-232 Serial Port (RS-232 Pump-to-PC Primary Network Cable – purchase [CBL-PC-PUMP-7](#)). An RS-232 to USB Converter Cable is available (purchase [CBL-USB232](#)). A pumping program generator and terminal emulator software are available as free downloads from our website. For advanced control, consider the [SyringePumpPro software](#) for configuration and control of multiple pumps, logging pump activity and sending commands to selected pumps.

Ordering Information

Model Number	Description
NE-8000-UH	One Channel 200 lb. Force Syringe Pump, US Power Supply
NE-8000-AH	One Channel 200 lb. Force Syringe Pump, Australian Power Supply
NE-8000-BH	One Channel 200 lb. Force Syringe Pump, British Power Supply
NE-8000-EH	One Channel 200 lb. Force Syringe Pump, European Power Supply

