

# Upgrade Options

## Higher Pressure, Speed & Power Upgrade Options

Contact us, for information on higher pressure, speed or power models available.

## FirmWare (X & X2) Upgrade Options

**\*Available in all NE-1000 Family of Syringe Pumps\***

### X Upgrade (Linear Gradient Pumping)

**MODEL: FW-1-X**      **Price: \$105**  
(for all syringe pumps except the NE-300 & NE-500 Series Models)

**MODEL: FW-5-X**      **Price: \$55**  
(for NE-500 series models only)

#### Description:

- Smooth linear increasing or decreasing gradient
- Set the starting rate, ending rate, and the time
- Pre-program multiple gradients plus any other NE-1000 programming feature
- **Continuous NE-1000X:Next Generation Continuous Infusion Syringe Pump System.** When X Upgrade is in both pumps in a dual system, Continuous Pumping Mode is able to provide a precise continuous flow without any drop-offs or pauses.

#### Constant Flow Rate Gradient Pumping Upgrade:

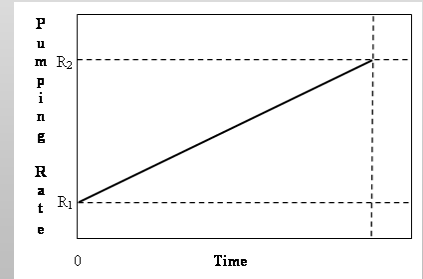
- Maintains constant total flow rate using two pumps
- 2 X upgrades put in a two pump system, one upgrade for each pump
- Set Pump 1 to linearly increase pumping rate
- Set Pump 2 to linearly decrease pumping rate
- Sum of Pump 1 and Pump 2's flow rates remain a constant
- Can be used with any Dual System

### X2 Upgrade (Gradient Pumping with increased program memory)

#### Description:

- Contains all of the features of the X Upgrade
- Increases the number of possible programmable phases from 41 to 340
- Smooth linear increasing or decreasing gradient
- Set the starting rate, ending rate, and the time
- Pre-program multiple gradients plus any other NE-1000 programming feature
- Can easily upgrade already purchased pumps yourself
- All pumps except for the NE-300 can be upgraded

### Linear Gradient



### Constant Flow Rate

