New Era Pump Systems Inc.
SyringePump.com
SyringePump.com
Clever Pumps, Priced Right!
New Era Pump Systems, Inc.
138 Toledo St. • Farmingdale, NY 11735 • 631-249-1392





Peristaltic Dispensing Pump Systems

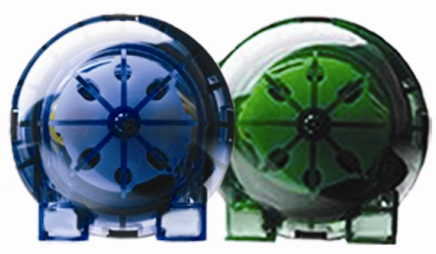
Featuring Learn & Repeat™ for Fantastic Productivity!

- ✓ Pump from a reservoir through replaceable continuous tubing.
- ✓ Pump never comes into contact with fluid.
- ✓ Continuous Pumping. Up to 775 mL/min.
- ✓ Measured dispenses for production filling of bottles.
- ✓ Learn and Repeat™ for quick setup of production dispenses.
- ✓ Computer and foot switch interface.

Description:
Have a need to accurately fill multiple bottles, vials, or other containers with a liquid? The Learn and Repeat™ mode of the NE-9000 Peristaltic Pump from New Era Pump Systems Inc. makes even the smallest of businesses highly productive right from day one. The NE-9000 is equipped to be used in many settings from the small home based businesses to the large factory floor. The pump can be integrated into existing production lines or simply used stand alone. The NE-9000 comes fully programmable and can be operated manually or with a PC through a RS-232 communication port. Even the most novice of technology users can easily operate the pump stand alone or through the PC. The pump's specialty is in small scale production dispensing. The flow rates vary from a minimum of 0.035 mL/min to a maximum of 775.2 mL/min with 3/16” ID. tubing. Space Saving Chassis: Foot print size of only 7 3/4” x 5 1/4”. Won't take up unnecessary space on your laboratory or production bench. Easy-to-use keypad interface.

Features:

- Learn and Repeat™
- Foot Switch control available.
- Slow down mode to improve accuracy of dispenses.
- Anti-Drip mode to stop oozing after dispenses.
- Calibration mode to improve accuracy.
- Programmable dispense volumes. Store and select from up to 40 dispenses.
- Non-volatile memory of all operating parameters and pumping program.
- Programmable Phases allowing complex pumping applications and interaction with external devices.
- RS-232 bi-directional control for complete control from a PC. Network up to 100 pumps and other devices.
- Digital logic input: TTL I/O with software filtered control inputs to eliminate glitches and ringing on the control inputs.
- Configurable TTL operational trigger for foot switches and other devices.
- Power Failure Mode: Restarts the Pumping Program after a power interruption.
- Includes all the advanced functions and programming features of the NE-1000 family.
- Worldwide power supplies available.
- Audible Alarm



PERI-HEAD Kits available separately for quick changes between fluids – improves productivity

Model: PERI-HEAD-KIT-YB2 Blue with 2 Rollers (included with the NE-9000)
Tubing 3/16”ID x 5/16”OD x 1/16” Wall (5 feet)

Model: PERI-HEAD-KIT-YG4 Green with 4 Rollers (included with the NE-9000G)
PharMed® Tubing 1/16”ID x 3/16”OD x 1/16” Wall (5 feet)

****Not For Clinical Use On Humans****



NE-9000 Peristaltic Dispensing Pump Tubing

Industrial Grade Tubing
Industrial Grade Tubing outlasts and outperforms EPDM, specialty rubber tubing, and other general-purpose tubing in test after test and application after application. It will not weaken or crack after years of exposure to heat and ozone. This provides long service in a wide range of applications such as gasketing, abrasion-resistant sleeving and cable insulation. Performance formulated for on-the-job reliability, Industrial Grade Tubing handles temperatures from -75°F (-60°C) to 275°F (135°C), allowing the use of one material with a broad range of temperatures. It is heat sealable and can be joined without fittings. It also has excellent resistance to inorganic (acids and bases) fluids. With its outstanding flexural fatigue resistance and high temperature capability, Industrial Grade Tubing outlasts and outperforms virtually all other general service tubing in peristaltic and vacuum pump applications.

Features:

- Superior weathering
- Abrasion resistant
- Outstanding flexural fatigue resistance
- Wide temperature range
- Low gas permeability versus rubber tubing



Chemical Resistant Tubing
Chemical Resistant Tubing offers an unequaled combination of chemical resistance, clarity and flexibility. Ultra Chemical Resistant Tubing is virtually unaffected by acids, bases, ketones, salts and alcohols, fitting the requirements of many applications from battery acid filling to hazardous material handling. It's entirely plasticizer-free, eliminating fluid contamination and the premature embrittlement and cracking common with many flexible tubing. Its exceptionally smooth inner surface inhibits particulate buildup and reduces the potential for contamination.

Features:

- Resistant to highly aggressive chemicals
- Plasticizer-free -- minimizes risk of fluid contamination
- Exceptionally smooth inner surface inhibits particulate buildup
- Low sorption maintains fluid integrity
- Meets USP Class VI criteria
- Maximum working temperature 165°F



PharMed® Tubing 1/16”ID x 3/16”OD x 1/16” Wall

Ideal for use in peristaltic pumps and cell cultures. PharMed® tubing is less permeable to gases and vapors than silicone tubing and is ideal for protecting sensitive cell cultures, fermentation, synthesis, separation, purification, and process monitoring and control systems.



****Not For Clinical Use On Humans****

NEW ERA Pump Systems Inc. SyringePump.com
SyringePump.com
Clever Pumps, Priced Right!
New Era Pump Systems, Inc.
138 Toledo St. • Farmingdale, NY 11735 • 631-249-1392





NE-9000 Peristaltic Dispensing Pump Tubing

Tubing for Food and Beverage Processing
Formulated to withstand the high temperatures frequently occurring during food and beverage processing, Food Process Tubing will outlast and outperform virtually all other food grade tubing. Even following extended exposure to heat and ozone, Food Process Tubing will not crack or deteriorate as commonly found when using traditional rubber tubing.

Extremely flexible, Food Process Tubing resists kinks and retains its shape while installing quickly and easily. Its excellent flexural fatigue resistance makes it the absolute best choice for use in peristaltic pumps often found in dispensing equipment.

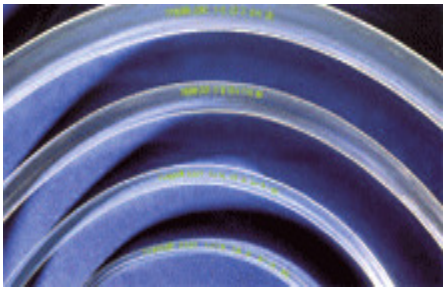
Repeatedly autoclavable, Food Process Tubing can be steam cleaned in place, eliminating the need for frequent tubing replacement. When harsh sanitizing solutions are used, it exhibits exceptional chemical resistance and is entirely unaffected by a wide variety of cleaning solutions.



Features:
- Temperature resistant from -60°F to 275°F
- Compatible with virtually all common sanitizers and cleaners
- Can be autoclaved repeatedly
- Meets FDA, 3-A and NSF criteria

Plasticizer Free Tubing
Plasticizer Free Tubing is a uniquely engineered product that offers the low compression set properties of a thermoset rubber. Plasticizer Free Tubing provides the most flexibility, highest temperature resistance and longest pump life available in a clear, plasticizer / oil free tubing. It is ideal for a broad range of applications including peristaltic pump applications, soap and detergent dispensing, water purification lines, food contact applications and chemical transfer. This uniquely engineered tubing will not embrittle or crack prematurely like other tubing that contain plasticizer or extender oils, benefitting the user with less downtime and tubing changes.

Features:
- Superior flex life in peristaltic pumps
- Chemically resistant to a wide range of fluids
- Temperature resistant from -108°F to 160°F
- Clear for easy visual flow monitoring
- Meets FDA criteria for food contact



****Not For Clinical Use On Humans****

NEW ERA Pump Systems Inc.
SyringePump.com
SyringePump.com
Clever Pumps, Priced Right!
New Era Pump Systems, Inc.
138 Toledo St. • Farmingdale, NY 11735 • 631-249-1392

