

**NEW ERA PUMP SYSTEMS INC.**

**SYRINGEPUMP.COM**

**MASS PRODUCTION PRICING  
WITH SMALL COMPANY SERVICE  
MADE IN THE USA**



**MARKETS**

**APPLICATIONS**

**UNIVERSITY DEPARTMENTS**

## MARKETS/APPLICATIONS

### **Uses:**

**Calibration**

**Diluting**

**Dispensing**

**Dosing**

**Emulsification**

**Fluid Transfer**

**Infusion of Fluids**

**Mixing**

**Perfusion**

**Slow Infusion**

**Timed Delivery**

**Volumetric Dispensing**

**Withdrawal of Fluids**

### **Markets/Applications:**

**Adhesives Research & Manufacturing**

**Aerosol Infection/Nebulization**

**Aerosol instruments**

**Aerosol Spray**

**Aesthetic Products**

**Agricultural Research**

**Alloys**

**Animal Drug/Nutrient Injections**

**Assay Development**

**Automotive Fluids Manufacturer**

**Automotive Research**

**Battery/Fuel Cell Research**

**Biofuels**

**Biohazard detection solutions**

**Biological Research**

**Biomaterials**

**Biomedical Research**

**Bioreactors**

**Biotech Research & Development**

**Bulk Fluid Injections**

**Capacitors Manufacturers**

**Capillary Electrophoresis**

**Cell Cultures**

**Cell Injections**

**Cell Manipulation**

**Cell Patterning**

**Cell Separation**

**Ceramic Manufacturing**

**Chemical Binding Coefficients**  
**Chemical Detection Technology**  
**Chemical Gradient Formation**  
**Chemical Reactor Injection**  
**Chemical Research & Development**  
**Climate Research**  
**Coatings Manufacturers**  
**Component Manufacturing**  
**Compound Storage**  
**Construction Materials Research**  
**Continuous Flow**  
**Cosmetics**  
**Crystal**  
**Dental Equipment**  
**Dental Implant and Endodontic Equipment**  
**Diagnostic Equipment**  
**Dispensing Instruments**  
**Display/Monitor/Screen manufacturing**  
**Disruptive Technology**  
**Dissolution**  
**Drug Delivery Systems**  
**Drug Development/Discovery**  
**Drug/Nutrition Infusion**  
**Dye Dilution**  
**Dye/Isotope Injection**  
**Electronic Equipment Manufacturing**  
**Electro-Spinning**  
**Electro spray (ESI-MS)**  
**ELISA**  
**Emissions Testing**  
**Emulsion Polymerization**  
**Enatomology**  
**Environmental/Climate Research**  
**Enzyme Reacton Kinetics**  
**Eyeglass & Contact Lenses**  
**Fixtures**  
**Flow Cytometry**  
**Fluid Sampling**  
**Fluid Viscosity**  
**Food Safety**  
**Gas Chromatography**  
**Gas Delivery System**  
**Genetics Research**  
**Geological Sampling**  
**Government Research**

## MARKETS/APPLICATIONS (CONT'D)

**Gradients**  
**High Pressure Injections**  
**HPLC**  
**HPLC Mass Spec**  
**Imaging Instruments**  
**Immunoassays**  
**Infrared Touch Screens**  
**Isotope Injections**  
**Laser Instruments**  
**Liquid Chromatography Injections**  
**Lock Mass Infusion/Calibration**  
**Low Volume Dispensing**  
**MALDI-TOF matrix Addition**  
**Manufacturing**  
**Mass Spectrometry**  
**Material Testing**  
**Materials manufacturing and development**  
**Medical & Surgical Device Research**  
**Medical Consumable Manufacturing**  
**Medical Diagnostic Products & Instruments**

**Medical Research**  
**Metal Parts Manufacturing**  
**Metered Dispensing**  
**MicroDialysis**  
**Micro-Filtration**  
**Microfluidics/Microfluidic Channel Injections**  
**Microfluidics/Nanofluidics**  
**Mining Research**  
**Motion and Control Technology Systems**  
**MS Calibration**  
**Nano Flow Rates**  
**Nanotechnology & Nanomaterials**  
**Neuroscience Research**  
**Ocean Research**  
**Ophthalmology**  
**Organic Synthesis**  
**Ozone Machines**  
**Particle Research**  
**Parts Manufacturing**  
**Petroleum Research**  
**Pharmaceutical Development**

## MARKETS/APPLICATIONS (CONT'D)

**Pigments Manufacturing**  
**Pilot Plant Reactor Dosing**  
**Plastics Manufacturing**  
**Polymer Research**  
**Polymers Manufacturing**  
**Post Column Addition**  
**Precision Mass Spec**  
**Preclinical Testing**  
**Primary Screening**  
**Printing & Packaging Consumable Manufacturers**  
**Product Testing Laboratories**  
**Psychological Research**  
**Reactor Injections (Chemical & Biological)**  
**Reagents**  
**Recording Heads Manufacturing**  
**Robotic Systems**  
**Secondary Screening**  
**Semiconductor & Wafers**  
**Sensor Modules**  
**Solar Cells**  
**Spinal and Orthopedic implants and instruments**  
**Super Materials**  
**Surface Manufacturing**  
**Surface Plasma Resonance**  
**Switch Technology**  
**Testing Equipment Manufacturing**  
**Thermometer Manufacturing**  
**Toxicology Studies**  
**Veterinarian**  
**Viscosity/Viscometer Systems**  
**Weather Research**  
**Water Treatment Labs**

## UNIVERSITY DEPARTMENTS

<b>Anatomy</b>	<b>Engineering Science</b>	<b>Osteopathic Medicine</b>
<b>Anesthesiology</b>	<b>Environmental &amp; Natural Resources</b>	<b>Particle Science &amp; Technology</b>
<b>Astronomy</b>	<b>Food Science</b>	<b>Petroleum Engineering</b>
<b>Biomedical Engineering</b>	<b>Geological Science</b>	<b>Pharmacology</b>
<b>Biomolecular Engineering</b>	<b>Health Sciences</b>	<b>Photochemistry &amp; Molecular Science</b>
<b>Biosystems &amp; Agricultural Engineering</b>	<b>Hypertension</b>	<b>Physical Chemistry</b>
<b>Biotechnology</b>	<b>Industrial Life Sciences</b>	<b>Physics</b>
<b>Cell &amp; Developmental Biology</b>	<b>Mass Spectrometry</b>	<b>Physiology</b>
<b>Chemical Engineering Chemistry</b>	<b>Material Engineering</b>	<b>Process Engineering</b>
<b>Civil Engineering</b>	<b>Material Science</b>	<b>Psychiatry</b>
<b>Clean Energy Research</b>	<b>Measurement and Sensor Laboratory</b>	<b>Psychology</b>
<b>Computer Engineering</b>	<b>Mechanical Engineer- ing</b>	<b>Pure and Applied Chemistry</b>
<b>Dentistry</b>	<b>Medical Engineering</b>	<b>Radiology</b>
<b>Dermatology</b>	<b>Micro fluidics</b>	<b>Reaction Kinetics</b>
<b>Earth Science</b>	<b>Nephrology</b>	<b>Surgery</b>
<b>Electrical &amp; Computer Engineering</b>	<b>Nutrition</b>	<b>Surgery Cardiothoracic</b>
	<b>Optical Studies</b>	