

# Pumping Solutions Designed for Continuous Processing

## Delivery of the Precise Flow You Need for High Yield

When performing reaction chemistry, accuracy is very important to success. Teledyne ISCO pumps provide precise, reliable, pulseless fluid movement throughout the process, and ideal for dealing with fine chemicals. Some reaction chemistry work requires dealing with slurries or highly viscous materials, our long list of pump accessories offer methods to handle each of those conditions easily.

### Solutions for:

- 0.000–100 ml/min
- 0 to 30,000 psi
- Low to Zero Pulsation
- High Viscosities
- Slurries and Particulates
- Corrosive Chemicals



The 500 D-Series Syringe Pump



The ReaXus MX Reciprocating Pump

# D-SERIES SYRINGE PUMPS



**500D**  
 Flow Range: 0.001–204 mL/min  
 Pressure: up to 3,750 psi  
 0.7–258.6 bar  
 (Available controller shown below)



**1000D**  
 Flow Rate: 0.10–408 mL/min  
 Pressure: 10–2,000 psi  
 0.7–137.9 bar  
 (Available controller shown below)



**Controllers**



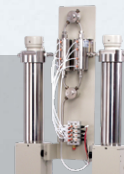
**Pneumatic  
 or Electric Mixer**



**Temperature  
 Control Jacket**



**Corrosion  
 Resistant  
 Materials**



**Air Valves for  
 Single &  
 Dual Systems**



**Electric Valves  
 for Single &  
 Dual Systems**

# REAXUS RECIPROCATING PUMPS

**DUAL HEAD      SINGLE HEAD**



**LD Class**  
 Flow Rate: 0–100 mL/min  
 Pressure: up to 10,000 psi  
 Stainless Steel or Hastelloy  
 24 Models



**M1 Class**  
 Flow Rate: 0–100 mL/min  
 Pressure: up to 2,000 psi  
 Stainless Steel  
 3 Models



**MX Class**  
 Flow Rate: 0–200 mL/min  
 Pressure: up to 5,000 psi  
 Stainless Steel  
 3 Models



**LS Class**  
 Flow Rate: 0–100 mL/min  
 Pressure: up to 6,000 psi  
 Stainless Steel or Hastelloy  
 20 Models

## Teledyne ISCO

P.O. Box 82531, Lincoln, Nebraska, 68501 USA  
 Toll-free: (800) 228-4373 • Phone: (402) 464-0231 • Fax: (402) 465-3091  
 E-mail: [isco.info@teledyne.com](mailto:isco.info@teledyne.com)  
[teledyneisco.com](http://teledyneisco.com)



*Teledyne ISCO is continually improving its products and reserves the right to change product specifications, replacement parts, schematics, and instructions without notice.*