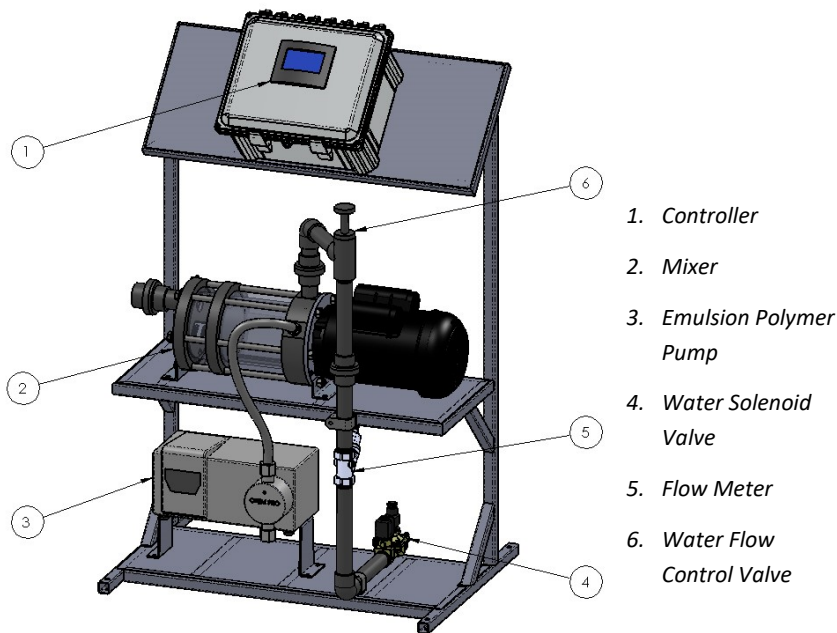




# STELTEC Polymer Infuser

*The STELTEC Polymer Infuser is the latest evolution in emulsion polymer makedown equipment.*



The Steltec Polymer Infuser emulsion polymer makedown system produces the highest viscosity polymer solution. This means more polymer is hydrated and available and less polymer is wasted, which reduces operating costs. The Polymer Infuser typically achieves about 85% maximum viscosity after only 2 minutes making it the best available makedown system for direct feed applications.

Using a clear dual shear mechanical mixing chamber, incorporating an initial high shear zone followed by low shear, the Polymer Infuser ensures consistent mixing energy independent of the dilution water flow.

The custom engineered mixing impeller, developed to effectively disperse the emulsion polymer into the dilution water, operates at 3450 rpm.

## **Key Benefits:**

- *Higher viscosity for direct feed applications*
- *Offers more features for standard controls*
- *Modular design*

## **Standard Features:**

- Flow Proportional Mode
- 3.5" Color Touch Screen
- Adjustable Low Water Flow
- Settable Flush Timer
- Local or Remote Start/Stop
- Dry Contact Alarm Output
- Live Trending
- Prime System Function
- Standard or Metric Display

STELTEC Inc.

P.O. Box 318, Towanda, IL 61776 | 815-315-3851 | [www.steltec.com](http://www.steltec.com)

## STELTEC Inc. Industrial & Municipal Products

The STELTEC Polymer Infuser is part of a line of water and wastewater products for industrial and municipal applications.

Specifications			
Standard Sizes	Maximum Water Flow	Inlet Size	Outlet Size
	300 GPH (1135 LPH)	3/4" NPT	1" NPT
	600 GPH (2271 LPH)	3/4" NPT	1" NPT
	1200 GPH (4542 LPH)	1" NPT	1-1/4" NPT
	1600 GPH (6057 LPH)*	1-1/4" NPT	1-1/2" NPT
	2400 GPH (9085 LPH)*	1-1/2" NPT	1-1/2" NPT
	3000 GPH (11356 LPH)	2" NPT	2" NPT
	6600 GPH (24984 LPH)*	2-1/2" NPT	2-1/2" NPT
Polymer Pump Styles	Diaphragm Peristaltic Progressive Cavity		
Pump Capacity	Diaphragm: 2.3 GPH (9.0 LPH) - 40 GPH (153 LPH) Peristaltic: 4 GPH (15.2 LPH) - 14.9 GPH (56.7 LPH) Progressive Cavity: 2.5 GPH (9.4 LPH) - 70 GPH (265 LPH)		
Frame Material	304 Stainless Steel		
Piping Material	Schedule 80 PVC		
Power	120 VAC or 230 VAC <i>(specify when ordering)</i>		

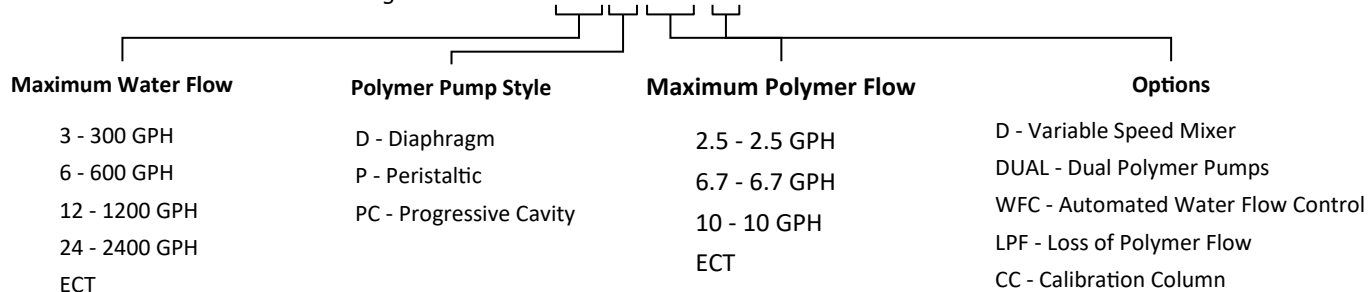
### Options:

- Variable Speed Mixer
- Dual Polymer Pumps
- Water Flow Control
- Loss of Polymer Flow
- Modbus TCP for SCADA
- Calibration Columns
- Day Tanks
- Polymer Solution Feed Pumps

\*= secondary dilution used

Model Numbering:

**PI-16D10-D**



The information provided in this brochure contains a general description or characteristics of performance which may change as a result of further development of the product. An obligation to provide the respective characteristics shall only exist if expressly .

STELTEC Inc.

P.O. Box 318, Towanda, IL 61776 | 815-315-3851