



## **EXCELL SERIES 6000A** **LIQUID POLYMER FEEDER**

The EXCELL Series 6000A Polymer Feeder is engineered for low polymer feed applications. It provides the high energy needed to activate all types of emulsion polymers. The metering pump is a diaphragm type pump. The valves are designed for high viscosity liquids.

The Series 6000A activates the polymer through a patented motor-less activation apparatus. It injects the polymer into the dilution water stream and immediately makes the solution flow through a low pressure, high energy, polymer activation nozzle.

### **SERIES 6000A MODELS**

MODEL NUMBER	POLYMER FEED RATE GPD (LPH)	WATER FLOW RATE GPH (LPH)
6010A-X	0.4 to 10 GPD (0.06 to 1.6 LPH)	10 to 60 GPH (40 to 230 LPH)
6010A2-X	0.4 to 10 GPD (0.06 to 1.6 LPH)	10 to 120 GPH (40 to 460 LPH)
6024A-X	1 to 24 GPD ( 0.1 to 3.8 LPH)	20 to 150 GPH (75 to 570 LPH)
6024A2-X	1 to 24 GPD ( 0.1 to 3.8 LPH)	20 to 300 GPH (75 to 1140 LPH)
6048A2-X	2 to 48 GPD ( 0.2 to 7.6 LPH)	20 to 300 GPH (75 to 1140 LPH)



## **TECHNICAL INFORMATION**

- \* The Series 6000A & A2 feeders have a solenoid operated diaphragm type metering pump.
- \* The Model 60XXA has a one gallon (4 liter) blending-aging tank.
- \* The Model 60XXA2 has the blending-aging tank and post dilution water flow.
- \* The feeders operate with potable or filtered process dilution water at 30 to 100 psi (2 to 6.9 Bar).
- \* The water flow switch stops the polymer pump when the water flow drops below minimum. The switch set point can be field adjusted.
- \* The self-cleaning sight tube allows the operator to see how the feeder is operating. The patented assembly is operated by the polymer solution as it leaves the feeder.
- \* The frame is made of welded stainless steel. Frame dimensions are: 16" x 18" x 24" tall.
- \* The external injection valve is accessible without disturbing the activation apparatus. All components are modular and easy to access.
- \* Operating voltage is 120 VAC. Power consumption is less than 5 Amps.

## **AVAILABLE OPTIONS**

- \* Progressive cavity type polymer metering pump. See the Series 6000PC.
- \* Solenoid water valve. Option "J".
- \* Programmable pump, with digital display. It can accept a 4-20 mA signal. Option "S".
- \* H-O-A Switch to allow remote start-stop control.
- \* Timer to allow a flush cycle.
- \* Contacts for remote indication of Alarm, Pump Run, or Auto Mode.
- \* Low polymer flow alarm. The switch uses a thermal dispersion type sensor, with no moving parts. The trip point is adjustable down to 10 GPD (1.6 L/H).
- \* Voltages other than 120 VAC are available.
- \* Custom designed to meet your needs.