



EXCELL SERIES 6000PC POLYMER FEEDER

The EXCELL Series 6000PC Polymer Feeder provides the high energy needed to activate all types of liquid polymers. The metering pump is a progressive cavity type pump.

The Series 6000PC 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 6000PC MODELS

MODEL NUMBER	POLYMER FEED RATE GPD (LPH)	WATER FLOW RATE GPH (LPH)
6014PC-X	1 to 14 GPD (0.2 to 2.2 LPH)	30 to 300 GPH (110 to 1140 LPH)
6026PC-X	1 to 26 GPD (0.2 to 4.1 LPH)	30 to 300 GPH (110 to 1140 LPH)
6060PC-K	5 to 60 GPD (0.8 to 9.5 LPH)	60 to 600 GPH (230 to 2270 LPH)
6150PC-T	10 to 150 GPD (1.6 to 24 LPH)	120 to 1200 GPH (460 to 4500 LPH)
6230PC-T	15 to 230 GPD (2.4 to 36 LPH)	120 to 1200 GPH (460 to 4500 LPH)
6600PC-T	40 to 576 GPD (6.3 to 91 LPH)	120 to 1200 GPH (460 to 4500 LPH)

TECHNICAL INFORMATION

- * The Series 6000PC feeder has a progressive cavity type metering pump. Pump has a stainless-steel body, a Viton lined stator, and a mechanical seal.
- * Pump can be controlled locally or by a remote 4-20 mA signal. Digital display indicates pump flow.
- * H-O-A Switch allows local or remote start-stop control.
- * The feeders operate with dilution water at 30 to 100 psi (2 to 6.9 Bar).
- * The strainer traps particles that could foul feeder components.
- * The solenoid valve, with a brass body, provides on-off control of water flow.
- * The water flow switch stops the polymer pump when the water flow is interrupted. A light provides local indication. Alarm contacts allow remote indication.
- * 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.
- * 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 10 Amps.

AVAILABLE OPTIONS

- * Other pump capacities as needed to meet your requirements.
- * Dilution water flow capacity up to 10, 20, 30 40, 60, 80, 100, or 120 GPM.
- * Timer to allow a flush cycle.
- * Pump speed controlled by the dilution water flow. This maintains solution concentration.
- * Contacts for remote indication of 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 5 GPD (0.8 LPH).
- * In-line aging tank. Tanks have a polyethylene liner and are fiberglass reinforced. They are rated for 125 psi (8.5 Bar). No additional level controls or pumps are needed. Tank volumes of 20 to 80 gallons (75 to 300 liter) are available.
- * Voltages other than 120 VAC are available.
- * Custom designed to meet your needs.