



BURT PROCESS EQUIPMENT, INC

FLUID HANDLING EQUIPMENT SINCE 1970

City of Loganville
4303 Lawrenceville Road
Loganville, GA 30052
Attention: David Pollard

August 25, 2025
Quote 11748914

You requested a quote for a BPE Polymer Feeder to replace an Acrison 580-2.

We are pleased to quote a BPE Polymer Feeder, Model 6PSEVO-1200. It has the following features:

- The BPE polymer activation apparatus uses a patented hydrodynamic activating system. It does not use a motor with a mixing chamber. The apparatus automatically compensates for solution flow changes. This ensures that the polymer activation energy level remains adequate for the flow range of the feeder.
- A peristaltic neat polymer pump.
Pump has a robust watertight, IP66, enclosure with digital display.
The maximum capacity is 184 GPD (7.67 GPH) at 60 psi.

The pump flow range is programmable as desired; down to 0.02 to 6 GPD.

The pump speed can be controlled locally or remotely by a 4-20 mA signal.
The pump is self-priming and may run dry.

- An external polymer injection valve is accessible without disturbing the mixing apparatus. The valve spring is made of Hastelloy-C to minimize the possibility of stress corrosion cracking.
- 80 to 1200 GPH dilution water capacity.
A, electronic flowmeter and a SS water valve allows adjusting the flow as desired.
The low water flow alarm point is adjustable as desired. It turns off the pump whenever the flow is below the flow. The pump restarts when water flow resumes.
An alarm provides local indication that water flow has been interrupted.
A set of dry contacts close to allow remote monitoring.

- A motor operated SS ball valve turns the water flow on - off.
It is slow closing to prevent water hammer.

It automatically turns off if power is lost.

It does not have small orifices that are easily fouled, like a solenoid valve.

- A state-of-the-art microprocessor and Operator Touchscreen improve reliability and flexibility.
Allows local or remote Start-Stop control. The remote run switch is to be a dry contact.

Local or remote pump speed control. The remote signal is a 4-20 mA signal.
Pump can follow water flow to maintain desired concentration. Concentration is adjustable.
Integrated Batch System Program for keeping an aging tank filled with solution.
Automatic flush keeps the water flowing each time the feeder is turned off.

- The sight glass is self-cleaning. The patented assembly allows the operator to see how the feeder is operating.
- Stainless steel frame.
The frame can be floor or wall mounted.

A kit to extend the legs to 16", is available.

It is our Item # 6EVO-LEGS.

The longer legs improve access to the controls.

Eliminate the need for a separate pad or base.

- A polymer pump calibration cylinder is included.
The cylinder is made of clear PVC.

A 3-way valve allows gravity-filling the cylinder.

The cylinder can be filled by re-directing the pump discharge.

Required utilities: Water pressure; 30 to 60 psi.

Pressure must be at least 30 psi higher than the solution injection point pressure.

Electrical power; 120 VAC, 5 amps.

The Price for the Model # 6PSEVO-1200 is \$ 12,170.00 (USD).

The Extended Leg Kit, Item # 6EVO-LEGS, has a Price of \$ 739.14 (USD).

A spare polymer pump-head assembly, with integral tube, is Item # WMP-OM3.1500.PFP.

The Price for the pump head assembly is \$ 460.97 (USD).

The feeder can be shipped within approximately 4 weeks of order.

Best Regards,