



Polymer Activation Systems



The superior solution for Polymer Activation

Whether you are converting digested sludge to a cake in a wastewater process or performing coagulation prior to sedimentation at a water treatment plant, we have the right polymer feed solution for you. Our systems will provide you with complete polymer activation, resulting in maximized process efficiency & lower operational costs.

ProMix for emulsion and liquid polymers

ProMix systems are in-line polymer preparation stations for the processing of liquid polymers. Using various pump technologies, liquid polymer is metered into the multi-zone mixer unit and processed into a homogeneous and effective polymer solution. The units are designed to require minimal footprint.

- Standard packages up to 24gph
- Multi-zone mixing chamber delivers highly activated polymer solution
- Open frame design for simplified operation and maintenance
- Turnkey batch or inline systems



Tomal® PolyRex® for powdery & liquid polyelectrolytes

PolyRex is a turn-key automatic system for batch preparation and metering of polymer solutions from dry or liquid source. The PolyRex uses a progressive mixing system to effectively hydrate and activate the polymer to a homogenous and activated polymer solution.

- Standard packages up to 100lb/hr
- Progressive mixing system for effective hydration & activation
- Unique self cleaning multi-screw feeder for high accuracy
- Turnkey automatic batch preparation systems
- Ideal for bulk bag & silo applications

Ultramat® continuous flow polymer systems

With Ultramat continuous flow systems, the reservoir is separated into multiple chambers. Thus, it is extremely unlikely that recently mixed polymer gets into the suction area of the metering pump. The system offers an economical means of polymer preparation with a much smaller footprint than a batch based system, thus being a suitable retrofit for existing polymer equipment.



Post Dilution chemical metering systems

Metcon's factory packaged and tested systems for post dilution liquid feeding are customized for each application. They ensure safe and consistent metering of polymer to the process. Control flexibility and plant interfacing can easily be achieved with the packaged dilution system.

- Compact & durable design
- Convenient, easy & quick installation
- Factory assembled & tested
- Customized based on site requirements

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