

Rental Units for Dry Polymer Preparation

ProMinent PolyRex Polymer Preparation Systems

If you need a polymer system for a chemical trial or to handle a short term upset condition ProMinent can help with the PolyRex 2.0 preparation system.

The PolyRex uses a 3-stage mixing process to effectively hydrate and blend the polymer to a homogenous and activated solution. The first step is the hydration stage, where the polymer is wet. During the second stage mixing takes place through the water ejector. The third stage provides one hour of efficient but gentle agitation in the mixing tank.

The PolyRex 3-stage mixing system provides you with the most efficient means of polymer activation.



PolyRex –

Able to minimize polymer usage with low maintenance

- The batch preparation system gives outstanding characteristics compared to a continuous system by eliminating any risk of “short circuiting” of unprepared polymer.
- TOMAL’s proven multiscrew polymer feeder ensures reliable pulsation free discharge with high metering accuracy providing consistent batch composition.
- A highly effective static mixer in stainless steel optimizing the post dilution water sequence.
- Vacuum hopper filling, and the unique hygienic bag clamp prevent potential slipping hazards by eliminating the risk of polymer spillage.
- Our wide range of options such as different big bag handling systems and our flexibility enable us to adapt machines to customer individual requirements.
- Each unit is wet tested prior to dispatch from the factory and ready for immediate use.

ProMinent®

▶ 1-888-709-9933
▶ www.prominent.ca

PolyRex 01/17/CA
Printed in Canada

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PolyRex - Technical data

Dry Polymer Capacity	3.8 - 4.7 kg/hour at 0.5% Polymer concentration
Voltage Requirement	575 Volt / 3 Phase Main Power (approx. 7.5 amp power draw)
Screw Feeder and Hopper Material	Painted Carbon Steel
Water Piping	PVC / Brass
PLC	Standard Allen Bradley with PanelView Touch Screen
Tank Volume	Two 1,000 litre tanks to provide 60 minutes of maturation time
Tank Material	304 SS
Mixing (Aging and Storage)	Installed on Mixing / Aging tank No mixer required for storage tank

Main Rental Terms

- Minimum Rental Period is 3 months, period begins from receipt of materials and ends on receipt at ProMinent facility. Any additional time on site will be charged on a pro-rated monthly basis. All amounts paid for the rental of the equipment can be used against the purchase of the unit up to a maximum of 50% of the sales price.
- A Purchase Order for a damage deposit is required with the rental agreement. Any damages caused to the unit during the trial will be repaired with costs deducted from the damage deposit. Remaining deposit will be refunded.
- All polymer must be removed from the system (liquid and dry) prior to return to ProMinent.

