

*Chemical Process,  
Pump & Systems  
Specialists*

# **KGO Group Ltd.**

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*"The Benefit of Experience"*



## **ActiFlex Liquid Polymer Systems**

**Setting the Standard for Quality, Safety, Reliability and Durability**

ActiFlex polymer systems are designed specifically for industrial and critical use applications for mining, pulp and paper, industrial, and municipal customers. This plug-free, dual check valve/dilution injection system provides "fast and complete" inversion and dilution of a wide range of cationic, anionic, non-ionic, standard and dewatered polymers.

Robust, and easy to operate and maintain, these systems offer a number of benefits while delivering a low cost of ownership. Available in a wide range of system sizes and configurations, our technology is backed by an experienced technical support staff dedicated to ensuring customers receive the right system for their needs.

# Liquid Polymer Systems



### **Model 10 - "Low Volume Direct to Process"**

**Polymer Capacity - 75 - 600 ml/min. - 38 - 225 gpd.**

The Model 10 Series polymer preparation system is designed for low volume, polymer consumption applications. Featuring a compact, portable design that is easily installed and maintained, it's the ideal solution for smaller spaces. The Model 10 is available with solenoid, motor driven metering, or progressive cavity pumps for handling a wide range of viscosities and polymer types. Power 110 /220 vac.



### **Model 20 - "Medium Volume"**

**Polymer Capacity - 200 - 1150 ml/min. - 76 - 430 gpd.**

The fully automated Model 20 polymer system is designed for medium volume consumption in critical and non-critical applications. The compact, easy to install and maintain portable design features an SS/Viton construction progressive cavity (optional gear) pump, to ensure accurate, reliable, supply of polymer. A dual dilution piping arrangement delivers the highest level of polymer activation. All systems come with low water flow and polymer fail safe devices, industrial grade components, and controls, as well as an optional drip containment. Power 110 /220 vac.



### **Model 30 - "High Volume"**

**Polymer Capacity - 1.7- 6 L/min. - 648 - 2280 gpd.**

The fully automated Model 30 is designed for high volume polymer consumption in critical applications. The unit features an SS/Viton construction progressive cavity (optional gear) pump to ensure accurate, reliable, non-pulsating, low shear, supply of polymer to the SS Tri-Clamp Blending System. The Model 30's dual dilution piping arrangement provides the highest level of polymer activation. All systems come with low water flow and polymer fail safe devices, industrial grade components, and controls, as well as an optional drip containment. Power 575/460 vac. Higher capacity system designs are available upon request.



### **Model 40 - "High Volume" w/Flow Control**

**Polymer Capacity 1.7- 6 L/min. - 648 - 2280 gpd.**

The Model 40 is designed for large volume polymer consumption in critical process applications. The unit features an SS/Viton construction progressive cavity (optional gear) pump to ensure accurate, reliable, non-pulsating, low shear, supply of polymer to the SS Tri-Clamp Blending System. Model 40 systems provide programmable polymer and water flow monitoring and control devices to provide precise and consistent process dosing. The standard dual dilution piping arrangement ensures the highest level of polymer activation. All systems come with low water flow and polymer fail safe devices, industrial grade components, and controls, as well as optional drip containment. Power 575/460 vac. Higher capacity system designs available upon request.

## **Safety First**

Liquid Emulsion polymer can be a serious slip hazard whether it is supplied neat or diluted with water. Ensure you are using leak proof piping systems as well as drip trays where needed. Provide adequate safety training, handling, and transferring of oil based polymers. Post warning signs and consult your vendor on all safety and cleaning details.

Contact your KGO or local representative for additional technical information. 1-905-847-1544