



# Chemical feed systems are a vital component in all water and wastewater treatment applications.

Serving the needs of municipal, industrial, and commercial customers worldwide, UGSI Chemical Feed, Inc. helps customers conserve, protect, and manage the world's limited water resources. With names you recognize, including PolyBlend® polymer systems, our proven product lines are designed to meet your most rigorous demands in virtually any water application.

## Polymer Activation Technology

Since its 1972 introduction, our pioneering PolyBlend® Series has become a world leader in automated polymer feed systems. As chemists continue to refine existing polymers and develop new ones – as they have for more than 35 years – operators should demand a polymer feeder that can keep up with breakthroughs in polymer technology for years to come.

Turn to PolyBlend® polymer systems for precise control of dosing rate, dilution level, mixing time, and activation energy. This exclusive control of energy type,

intensity, duration, and distribution optimizes polymer performance and provides maximum economy and value for your polymer use.

### Products

- PB Series for liquid polymer to 1,200 GPH solutions
- M-Lo Series for liquid polymer to 120 GPH solutions
- M Series for liquid polymer to 12,000 GPH solutions
- DP Series for dry polymers
- Final Feed Skids
- Accessories

## Liquid Chemical Feed Equipment and Control

From simple chemical metering pumps to complex liquid feed skid systems, we have the resources and expertise to meet your most demanding needs.

Featuring the rugged Encore® 700 mechanical diaphragm metering pumps, we can provide a solution to your application requirements. The Encore® 700 pump is available with capacities up to 330 GPH per head.

The LVN 2000™ uses a vacuum source to draw chemical to the point of application and is ideal for off-gassing chemicals such as sodium hypochlorite.

Complete standard and custom chemical feed systems are engineered to simplify installation of the most complex applications.

### Products

- Encore® 700 Metering Pumps
- Encore® E Solenoid Metering Pumps
- Encore® S Stepper Motor Metering Pumps
- LVN 2000™ Chemical Feed Systems
- Standard and Custom Chemical Feed Skids





## Dry Chemical Feed Equipment and Control

Choose from a variety of technologies for feeding and metering dry chemicals commonly used in the treatment of municipal and industrial water and wastewater.

Our extensive line of volumetric screw and belt-type volumetric and gravimetric feeders, feeder tank systems and accessories can handle the most commonly used chemicals in the municipal water applications, including calcium hydroxide, ferric sulfate, soda ash, potassium permanganate, aluminum sulfate, and carbon. Chemicals used in industrial processes include bleach, clay, gypsum, plastic pellets, pigments, and flour.

### Products

- Series 32-050 and 055 Volumetric Screw Feeders
- Series 35-150 Tank Feed System
- Series 35-100 Tank Feed System
- Series 31-165 Digital Weightbelt Feeders
- Series 32-215 Volumetric Feeders
- Series 32-300 Volumetric Feeders
- Series 35-050 Potassium Permanganate Systems



## Varea-Meter® Flowmeters

Our broad line of rotameter-type flowmeters provide reliable readout, transmission, and control of liquids or gasses for most industrial process applications.

For low-capacity, low-pressure applications we offer glass tube purge meters with stainless steel frames. Purge meters are designed for purging instruments, cases, and control lines, and are readily adapted to liquid-level indication, sampling, liquid-specific gravity determination, and similar applications. For low-flow, higher-pressure applications, armored purge meters are available. For high volume flows, glass-tube and metal tube meters are available in a variety of sizes and configurations for metering both gases and liquids.

### Products

- Glass Tube Purge Meter: to 40 GPH/110 SCFH
- Arma-View® II High Pressure Purge Meter: to 25 GPH/117 SCFH
- Armored Purge Meter: to 10 GPM/53 SCFM
- Glass Tube Varea-Meter®: to 69 GPM/281 SCFM
- Metal Tube Varea-Meter®: to 48 GPM/206 SCFM
- Armored Flow Meter: to 130 GPM/150 SCFM





## Parts & Service

To keep your premium quality equipment operating at top efficiency, we are proud to offer the most inclusive after-sale support in the industry. Genuine replacement parts not only protect your investment in the equipment, they also offer assurance against failure in critical public health-related and critical process-related applications. Avoid the hazard and hidden costs of cheap imitations. We offer fast delivery of original-quality replacement parts from a large parts inventory. Use of genuine replacement parts helps maintain equipment in good working order, and eliminates equipment breakdowns and costly downtime. We also offer factory repair and service options.

For your convenience, we stock preventive maintenance kits for your equipment. The kits contain replacements for those parts most susceptible to wear and/or most often replaced. They facilitate scheduled maintenance and emergency repairs.

## About Underground Solutions, Inc.

Our parent company, Underground Solutions, Inc. (UGSI), is a leading provider of water and wastewater infrastructure technologies. Led by a management team with industry-leading experience and expertise, UGSI provides water-related solutions to a wide range of commercial, industrial, and governmental customers. UGSI meets its customers' needs through technological innovation, dedication to customer service, and an unyielding commitment to quality. Based in San Diego, California, USA, UGSI's proprietary pipe products have truly revolutionized the pipeline rehabilitation and installation markets in North America.



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