

Reagent Dosing and Preparation Systems



DOSASKID™
Chemical Injection
Systems

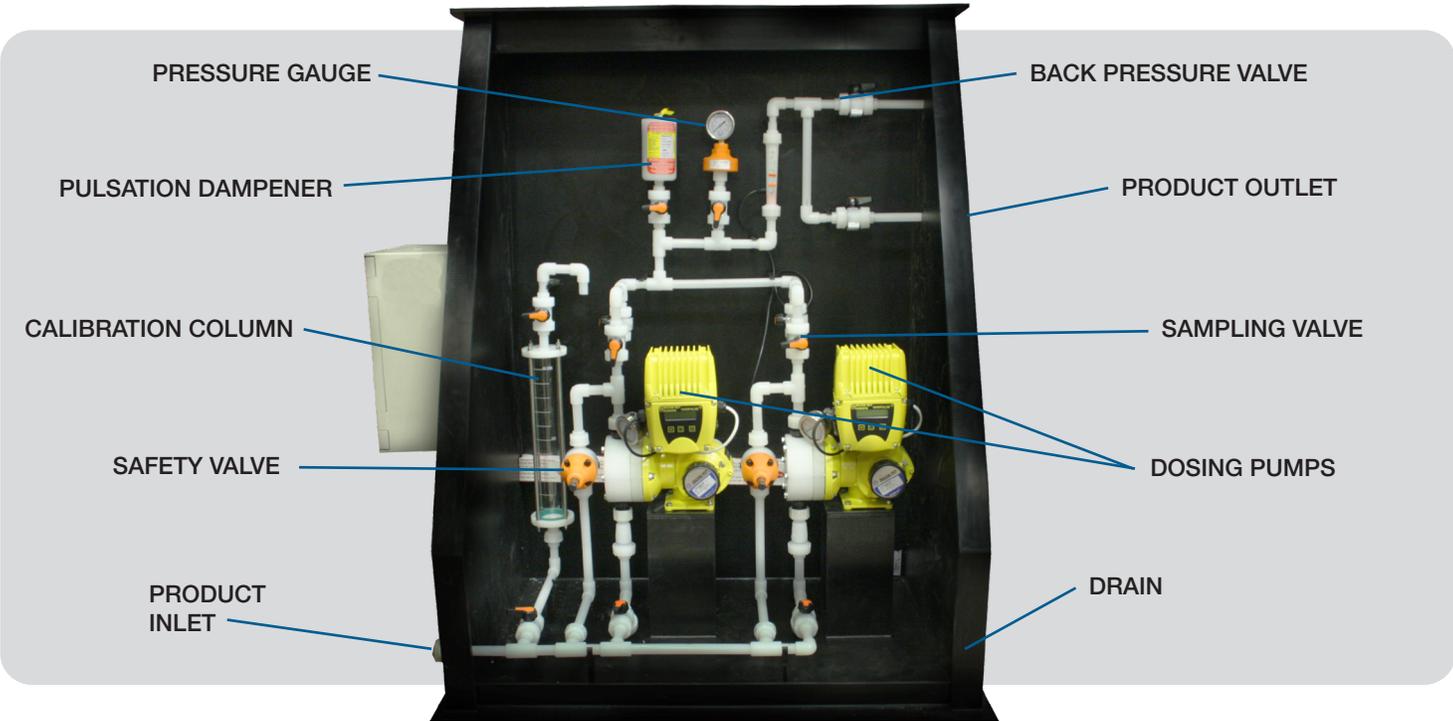


POLYPACK®
Polymer Dosing
Systems

Adding value to your process

DOSASKID™, Pre-Engineered Chemical Dosing System

The DOSASKID dosing system is a pre-engineered unit that meets the challenges of chemical dosing in a fully assembled unit. Configured with industry leading pumps from Milton Roy and available in six dosing system configurations. Each system can accommodate up to 4 pumps with each pump dosing from 1ml to 40 l/h (.0026 to 10.6 GPH) at 123 bar (1,784 PSI) or up to 4,500 l/h (1189 GPH) at 3.5 bar (51 PSI). All components are assembled in an open or closed vertical panel ready for quick installation and easy integration into the application.



Engineered DOSASKID™ Solutions

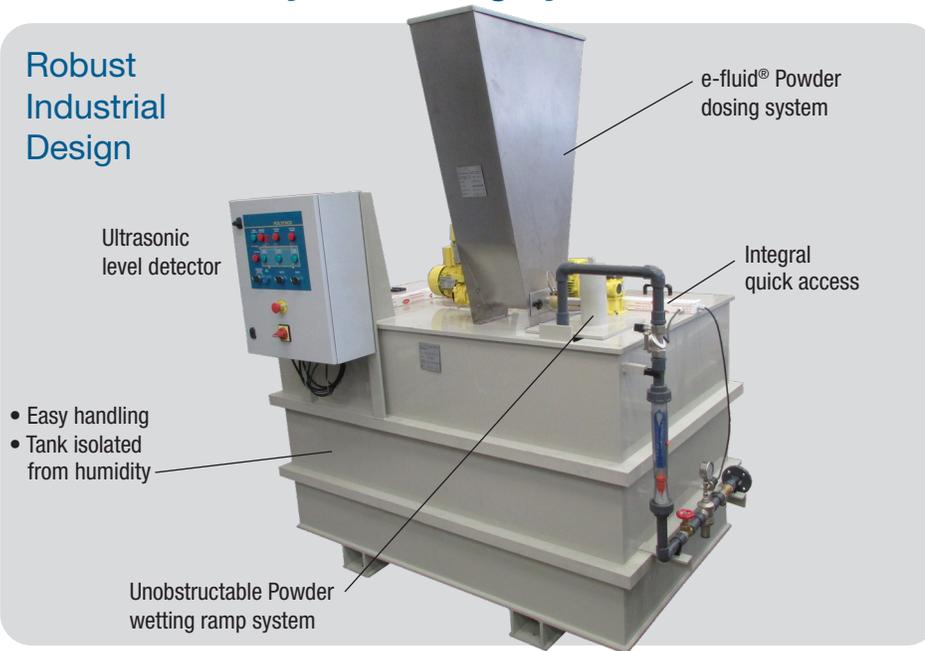
For custom specifications, Milton Roy will engineer a dosing system to meet the needs of the application.



Reagent Preparation Systems

POLYPACK® Polymer Dosing Systems

Robust Industrial Design



POLYPACK® APX

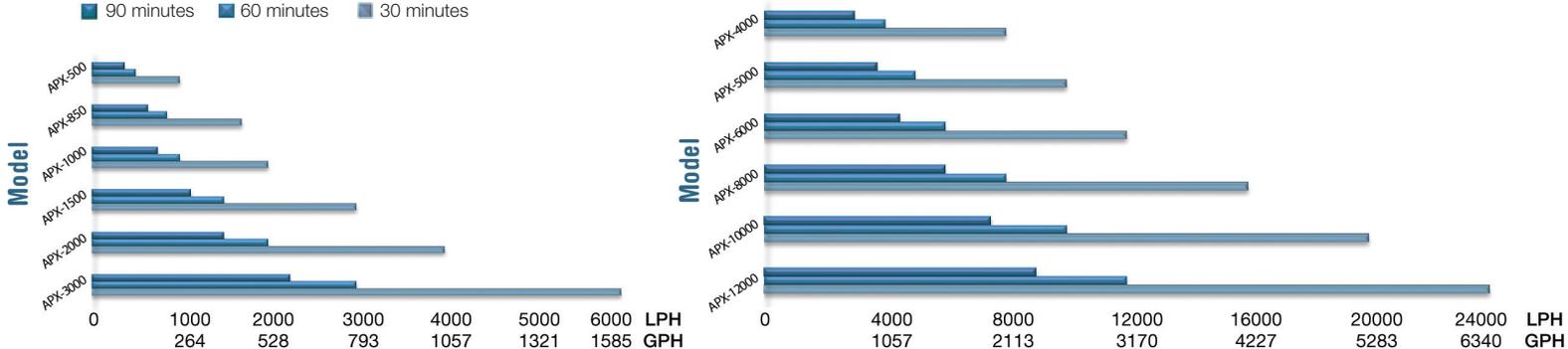
The POLYPACK®, APX Polymer Dosing System is a compact unit that automatically feeds the process, as needed, using a regulated ultrasonic level switch.

- Reinforced tank design includes three* compartments to ensure the process integrity and maturation time
- Water inlet collector removes impurities, controls water, flowrate, and pressure
- Powder wetting system facilitates the correct pre-mix of flocculant and water to prevent gelling
- High efficiency mixers ensure optimum polymerization
- Electrical supply and control panel providing visual access to the process
- Compact design for easy transport and relocation

* Two compartments in model APX-500

Average flocculant maturation time:

■ 90 minutes ■ 60 minutes ■ 30 minutes



Extraction Flow

Engineered Solutions



For unique process requirements, Milton Roy can engineer a custom solution to meet the specific needs of the application.



Dosapack® MAX Dosing and Chemical Storage Tank

This compact unit is fully assembled and includes all elements necessary for connection to the tank input and electrical system.

This system includes:

- High density polyethylene tank (HDPE)
- Powder reagent dosing system with vibrating device and hopper
- Electric mixer
- Control panel and remote ultrasonic level sensor

Integrated Control Systems



The POLYPACK® integrated control system offers intuitive navigation and operation of index settings, product level notices, and error messages. Fieldbus distributed control (optional) provides informative and easy to access equipment and status application updates.

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