

Engineered Chemical Feed Solutions

LIQUID CHEMICAL FEED



About

- Since 1985, our mission has always been to provide our customers with quality products and services. We provide increased value by offering full client support in the design, procurement, installation, and post sales stages of your application. We take pride in having knowledgeable and courteous staff that follow through on our commitment to our customers.

Our team of Technical Sales Representatives, Project Engineers and Service Technicians are always there to help our customers choose the right products for the application and successfully execute implementation and operation of our equipment and systems. We are Quality Focused, Customer Connected.

Chemical Feed Panels



Metcon's pre-engineered systems provide cost effective, easy to install "one stop" solutions for owners and contractors. We custom design each system to suit your immediate needs, whether they are large or small.

Metcon wall mounted panels are corrosion resistant, pre-engineered, pre-packaged, completely self-contained, and are fully assembled and tested prior to shipment. Chemical metering pumps, instruments and all piping, fittings and accessories are mounted on a white polyethylene panel, for convenient horizontal or vertical mounting.

The compact design and sturdy construction of Metcon's product offers convenient setup practically anywhere. The modular construction allows for easy servicing and part replacement, as well as allowances to accommodate new product and process retrofits.

System Features

- Single pump or multi-pump systems
- Automatic switchover with duty and standby capability
- Union connections for ease of maintenance
- Compact design and sturdy construction
- Pre-piped, pre-wired and tested systems
- Chemical resistance and durability
- Pre-engineered for different chemical requirements
- Convenient, easy, and quick installation with minimal time for start-up



Chemical Feed Skids

Metcon's pre-engineered skids are ideal for chemical injection, where high dosing rates are required. Our single and multi-pump chemical feed skids offer exceptional installation convenience and reliable operation, meeting legislated regulations for redundancy and continuous operation. Our chemical feed systems minimize costly downtime and maintain performance for long periods without the need for manual intervention.

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Metcon offers pre-engineered automated metering and control system packages, plus custom-built systems for specific application needs. Our skids arrive to the jobsite pre-mounted and pre-piped for convenient installation.

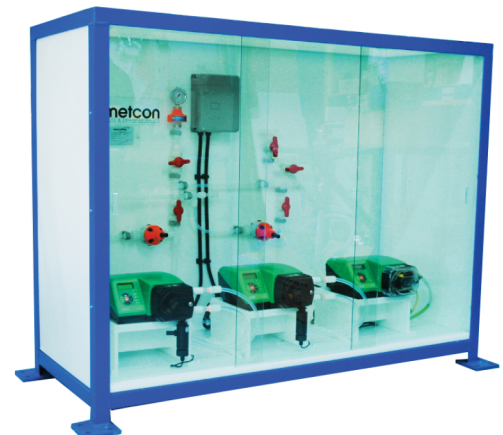
Robust construction, reliable electronics and ease of installation and maintenance ensure a low cost of ownership. We offer the functionality, flexibility and performance you desire.



Custom Engineered Systems

At Metcon we understand that your application has distinct needs, and that matching those needs can be complicated. Chemical feed systems require the right equipment and precise engineering to work effectively and efficiently. Our expert sales staff are able to help you select the best technology and equipment to meet your process needs. We can provide the best solutions to meet your budget without sacrificing quality and reliability.

Our trained professionals have extensive knowledge of many processes and products and our experienced team of engineers are available to answer all questions regarding components and system solutions. Metcon provides you with the confidence and experience you need to keep your systems operating.



- Monitors Chemical Delivery
- Automatic switchover of chemical pumps
- Monitor pump faults and provides feedback
- Two remote operation modes
 - Duty selectable
 - Alternating duty, based on remote start/stop command
- Touch screen display
- Available output signals
 - Duty pump & pump system fault
 - Remote mode selected
 - System running



- Allows precipitate build up to be cleaned away without any interruption to the system
- Eliminates downtime requirements associated with standard corporation stops
- Allows for injection in the center of the main pipe (up to 12" diameter) for increased chemical dispersion
- Constructed with PVC material and Viton® gasket seals for superior chemical resistance
- Pressure tested up to 150 PSI



Custom Engineered System Options

Feature	Options
Pump Type	Diaphragm Pumps, Peristaltic Pumps, Gear Pumps, Progressive Cavity
No. of Pumps	1, 2, 3 or more
Mounting	Wall Mount Panel, FRP Skid, PVC Skid, Epoxy Coated Steel Skid
Pipe Material	PVC, PVDF Butt Welded, Teflon® Tubing, Stainless Steel
Pipe Diameter	½", ¾", 1", 1½", 2"
No. of Injection Points	1, 2 or 3
Pulsation Dampener	Air Assisted, Bladder Type, None
Controller	SureFeed PIM, Terminal Box, Control Box
Flow Monitoring & Control	Flow Monitor, Electromagnetic Flow Meter
Corporation Stops	Chemlance, Standard
Chemical Tank & Spill Containment Tank	Various Sizes Available

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