



Multi-System Controller

Pump Control with Touch Screen HMI

Use for controlling:

Chemical feed systems: pH - flow paced with set point trim, or split output Acid/Base with set point dead band, Chlorine, Fluoride, Carbon, etc. flow paced with set point trim, High/Low level shut down alarming

Booster pumps: Pressure input start/stop/Alarm, Run to maintain pressure, Lead/Standby,

Tank Fill/Empty: Run to empty a tank or run to fill a tank

Flow Equalization Basin: Level input is used to control two pumps to optimize flow equalization feed

Flow pacing multiple pumps from one flow meter: Duplicate analog signal to independently pace multiple motors, limited by output options. Works with any pump that accepts an analog/digital signal.

This Controller is an off the shelf, ready to use system that has many features found in full SCADA systems.

Two Standard Models to Choose from:

MSC-10

4.3 inch Touch Screen Display
2-analog inputs, 2 analog outputs
6 Digital I/O

MSC-20

9.7 Inch Touch Screen Display
4-analog inputs, 4 analog outputs
8 Digital I/O
Ethernet to any other PLC system
Data Logging

Alarm notification via email/text

MSC-20 Upgrade Options:

8-analog inputs, 8 analog outputs

Add PC for remote viewing and operational control

Fully integrated duplex pump control and monitoring system for our pre-assembled chemical feed pump skids and stand alone pump systems

The HMI display provides access to easy to use pump controls and sequencing.

Alternating sequences (fixed 1-2, 2-1)

Touch button Lead Pump Alternation.

Automatic alternating on Lead pump failure.

Hand-Off-Auto HMI touch button for each pump.

The incoming analog signal can be adjusted to control pump dose rate.

Auxiliary alarm relay provided for operator notification of pump fault.

Pre – Assembled
Chemical Feed
Systems

Pre-Piped for easy installation
Flat panel or with integral maintenance drip tray
Wall or floor mountable
Factory assembled and tested
Custom systems to meet Engineering requirements

pH Control
Systems

Complete Plug and Play Systems to meet the
demands of Industrial Manufacturing along with
Municipal compliance

Filtration Systems

Membrane Filtration,
Pressure Filters, Mixed media, Green Sand, Activated
Carbon
Rapid Sand Filter Package

Sequencing
Bio-Filter

The most efficient way to Treat High Strength
Wastewater from Food and Beverage processing
Small Community Sanitary Wastewater Treatment

ReGen Blend

Simple and Robust Polymer Blending System
Easy to keep polymer pumping
Maintenance drip tray for easy clean up
Also use for deformers and cleaning chemicals

Multi System
Controller

Works with any pump that takes an analog / digital
input and has features found in full SCADA systems
Use for PID control, multiple parameters available
Remote options for: alarming, viewing, data logging

CETPRO

Chemically Enhanced Treatment Package
Customizable to your system to achieve the treatment
level desired
Use on: Primary, Secondary, Tertiary, Industrial

Service

Installation
Start up and Training
Operation Assistance
Remote Monitoring

Represented By:



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