

CHEMICAL SYSTEMS

Catalyst XT



Precise. Efficient. Reliable: **Softrol's Catalyst XT System**

The Catalyst systems offer proprietary flow metering technology and provide computer supervised flow rate and volume verification. The systems will alert personnel to any process failures or maintenance requirements. For the bottom line, the Catalyst systems provide increased process control, higher quality, and lower operating costs.

The Catalyst XT is a shared pump dispenser for medium to high volume plants processing a light to medium soil mix. This system has a small footprint for plants with limited space and increased flush capacity for fast chemical delivery.

The Catalyst XT: simple compact design

The Catalyst XT System offers the benefit of being able to deliver ten (10) chemicals to fourteen (14) washers.

With a small footprint, this system can be placed either in the chemical storage area or on the washroom floor for easy access.

This highly automated system includes Softrol Catalyst software for formula programming and process reporting. All functions of this unit are automated including operation of calibration valves and a back-flush valve for easy maintenance of the system.



Automatic chemical injection for accurate, labor-free injection



Wash aisle efficiency analysis and formula programming from a PC

Each system has rigorous quality assurance checkpoints



Monitor chemical usage



Improve process load efficiency



Systems are carefully manufactured to meet customer specifications



Reduce re-wash and stained goods

SPECIFICATIONS

- Control System: Microprocessor
- Electrical Supply: 120 VAC, 4 amp
- Electrical Output: 24 VDC
- Machine requirements: a minimum of 5 automatic supply outputs must be available
- Formulas: 128 formula capacity
- Security: 7 level password
- Program storage: battery backed RAM, PC workstation
- Maximum 10 chemicals to 14 machines at .5 to 3.6 GPM, system dependent

PLANT REQUIREMENTS FOR ALL CATALYST XT SYSTEMS

UTILITIES REQUIRED AT SYSTEM:

- Utilities (located within 5')
- 120 VAC (15 Amp service) supplied either outlet or junction box form
- 1/2" water line (70-110° F, 5 GPM min, 60 psi max).
Line must have a 1/2" FPT service valve
- 1/2" air supply line (minimum 90 psi, 12 SCFM min).
Line must have 1/2" FPT service valve

SOFTROL WILL SUPPLY THE FOLLOWING ITEMS FOR UTILITY CONNECTIONS:

- 6' liquid-tight flexible conduit or 6' power cord (Plant to specify with order)
- 1/2" ID hose connection for water
- 1/4" OD air line connection

ALL CATALYST XT SYSTEMS INCLUDE:

- Automatic calibration and backflush valves
- Integrated 7 gallon water tank for automatic flush system
- Integrated air filter regulators
- (1) 2000 ml and (1) 250 ml calibration cylinder
- PulseNet Chemical Injection software package

OPTIONS AVAILABLE ON CATALYST XT UNITS:

- PC workstation with PulseNet Chemical Injection software installed
- 1/2" or 3/4" drumwands
- Separate machine Interface (required for each non-Softrol controlled machine)

CATALYST XT	
System Type	XT
Flow Rate	.5-3.6 GPM
Accuracy	+/-3 to 5%
Max #of Chemicals	10
Max #of Machines	14
Max Delivery Distance	300'
Maximum Viscosity	600 cSt
Calibration Valve	Automatic
Backflush Valve	None
Mounting	Floor
Size	18"D x 42"W x 60"H
Redundant capability	Yes



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