

CHEMICAL SYSTEMS

Catalyst LTLF



S-Series

Precise. Efficient. Reliable: **Softrol's Catalyst LTLF 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.

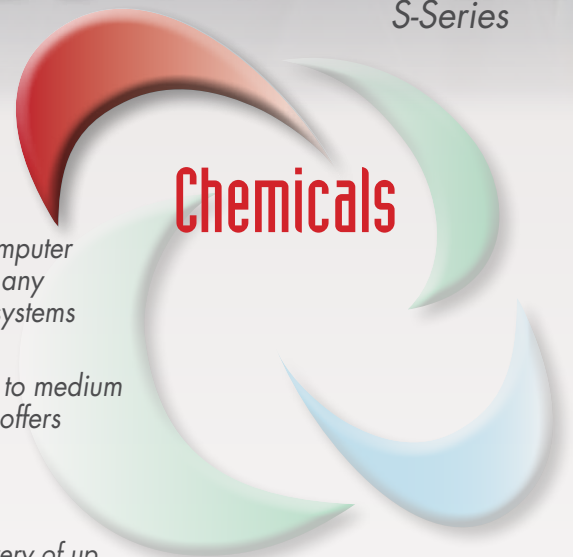
The Catalyst LTLF is a multi-pump system designed for laundries processing light to medium soil mixes. With a small footprint and integrated washer interfacing, the system offers chemical delivery in a compact and economical design.

The Catalyst LTLF: delivers unmatched performance

The Catalyst LTLF System is the industry standard for effectively automating the delivery of up to eight (8) chemicals to a maximum of seven (7) washers.

Ideal for plants with limited space, the LTLF has a maximum delivery distance of 200 feet with optional post-flush air.

This highly automated system includes Softrol Catalyst software for formula programming and process reporting. All functions of this unit are automated including operation of manual 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 8 chemicals to 7 machines at .5 to 2.0 GPM, system dependent

PLANT REQUIREMENTS FOR ALL CATALYST LTLF 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
- 1/2" OD air line connection

ALL CATALYST LTLF SYSTEMS INCLUDE:

- Manual calibration valves
- Integrated 7 gallon water tank for automatic flush system
- Integrated air filter regulators
- (1) 500 ml and (1) 250 ml calibration cylinder
- PulseNet Chemical Injection software package
- Up to 7 integrated interfaces
- Integrated communications hub for reduced networking requirements

OPTIONS AVAILABLE ON CATALYST LTLF UNITS:

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

CATALYST LTLF	
System Type	Catalyst LT/LF
Flow Rate	0.25-2.0 GPM
Accuracy	+/-3 to 5%
Max #of Chemicals	8
Max #of Machines	8
Max Delivery Distance	300'
Maximum Viscosity	600 cSt
Calibration Valve	Manual
Backflush Valve	Manual
Mounting	Floor
Size	18"D x 42"W x 72"H
Redundant capability	Yes



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