

CHEMICAL SYSTEMS

Catalyst LTLF Tunnel



T-Series

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

The Catalyst LTLF Tunnel systems use 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.

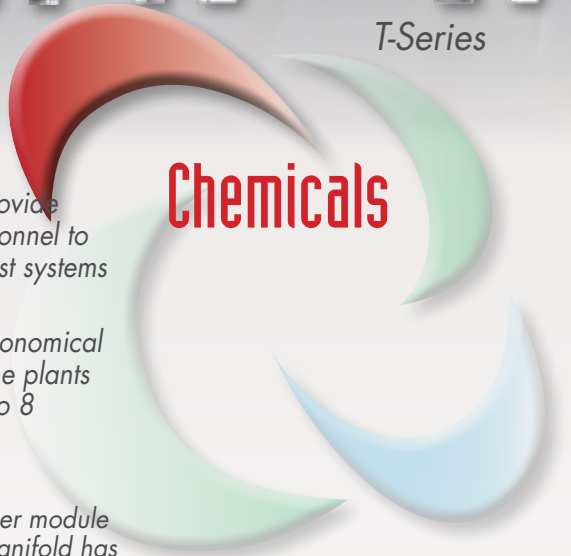
Ideal for small markets or the healthcare laundry, the Catalyst LTLF Tunnel is an economical dispenser for tunnel systems. The LTLF Tunnel is designed for medium to low volume plants with medium to light soil processing. This system can deliver up to 16 chemicals to 8 modules and offers as many as 8 simultaneous injections.

The Catalyst LTLF Tunnel: small footprint with big results

The unique Softrol Catalyst Tunnel System design allows each continuous batch washer module requiring chemicals to be matched with its own chemical manifold. Each chemical manifold has a built-in flowmeter and flush pump to ensure quick chemical injections with precise volumetric accuracy. This design allows simultaneous injection of chemicals to 8 washer modules.

Ideal for smaller facilities, the LTLF Tunnel system has a maximum delivery distance of 200 with optional post-flush air feet and comes with an integrated tunnel control interface.

This highly automated system includes Softrol Chemical Injection software to provide user defined formula programming and process reporting. The tunnel control interface is integrated in the dispensing unit. Calibration is provided with manual valve operation for easy maintenance of the system. Dosing to .5 ounce flow rate up to 2.0 GPM.



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

PLANT REQUIREMENTS FOR ALL CATALYST LTLF TUNNEL 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
- 3/8" OD air line connection

ALL CATALYST LTLF TUNNEL SYSTEMS INCLUDE:

- Manual calibration and backflush 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
- Integrated tunnel control interface
- Up to 7 integrated interfaces
- Integrated communications hub for reduced networking requirements

OPTIONS AVAILABLE ON CATALYST LTLF TUNNEL UNITS:

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

CATALYST LTLF TUNNEL	
System Type	Tunnel-LT/LF
Flow Rate	0.25 – 2.0 GPM
Accuracy	+/-1 to 5%
Max #of Chemicals (Pumps)	16 (12)
Max #of Chemicals/Manifold	4
Max #of Manifolds	8
Max Delivery Distance	300'
Maximum Viscosity	600 cSt
Outlet Valves	Manual
Injection Range	0.5 – 99.9 Oz
Mounting	Floor
Size	17"D (Large Tank 29"D) x 42"W x 72"H



1100 Northpoint Pkwy SE
Acworth, GA 30102
770-974-2700
www.softrol.com

