

CHEMICAL SYSTEMS

Catalyst TXLT



T-Series

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

The Catalyst Tunnel LT 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 TXLT is an economical dispenser for tunnel systems. The TXLT is designed for medium to low volume plants with medium to light soil processing. This system can deliver up to 12 chemicals to 4 modules and offers as many as 4 simultaneous injections.

The Catalyst TXLT: 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 four washer modules.

Ideal for smaller facilities, the TXLT system has a maximum delivery distance of 100 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 and backflush features are provided with manual valve operation for easy maintenance of the system.

Chemicals



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 TXLT 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 TXLT SYSTEMS INCLUDE:

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

OPTIONS AVAILABLE ON CATALYST TXLT 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 TXLT	
System Type	TXLT
Flow Rate	0.5 – 1.9 GPM
Accuracy	+/-1 to 5%
Max #of Chemicals	12
Max #of Chemicals/Manifold	6
Max #of Manifolds	4
Max Delivery Distance	100'
Maximum Viscosity	400 cSt
Calibration Valve	Manual
Backflush Valve	Manual
Mounting	Floor
Size	18"D x 42"W x 60"H (Floor)



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