

tekMATE™

BY ULTIMATE TECHNOLOGY



SYSTEM BENEFITS:

User Friendliness:

PLC control with 8" color Touch Screen display for easy programming of operation and set up. Navigation at fingers touch of the screen.

On-screen Diagnostics:

Warning alarms, errors and trouble shooting identification in simple to read terms are displayed through pop-up screens. On-screen error reporting.

Advanced Diagnostic Tools:

Total remote support capabilities. On-screen documentation & help screens with hyper text to more information is provided. Test screens check all devices.

Improved Performance:

Automatic backup with full redundancy. Interrupted deliveries are managed and accounted for. Accuracy is maintained through the full range of chemical deliveries. Can deliver up to twelve chemicals to twelve washers and allows eight chemical injections with up to four chemicals per injection.

Improved Reliability:

Stable Omron PLC control platform. The system incorporates field proven components. New manifold design allows for straight water and chemical flow path while making service easy.

Real Time Reporting:

dataMATE reporting on a stable database platform that allows for comma-separated-variable "CSV" file output. Standard production reports and customization of report data. Remote formula editing.

CHEMICAL DISPENSING SYSTEM:

The tekMATE is the next generation of chemical dispensing systems designed to meet the wide range of laundry and textile processing applications. The tekMATE utilizes the patented AccuChem design and can accurately measure and inject a wide range of concentrated liquid chemical or dilute stock solutions. The tekMATE supports up to 12 washers from a single dispensing system. The system can be configured to incorporate up to 12 chemicals with total "hands free" automatic backup capability. Total process control is managed through the Omron PLC unit.

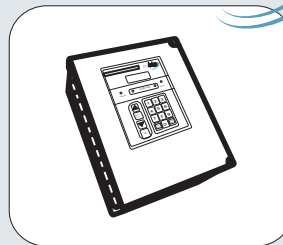
The tekMATE system works by communicating with the washer interface controls (signalMATE). The request for delivery of chemistry from the tekMATE is based on the individual wash formulation requirement. The tekMATE chemical injection system control (PLC) directs the washer control to open and close valves on the washer machine as appropriate to make accurate delivery, post-flush operations and completed injection cycles. The tekMATE level of delivery accuracy is second to none; the patented flow metering technology ensures reliable results.

SUPPORTING EQUIPMENT:

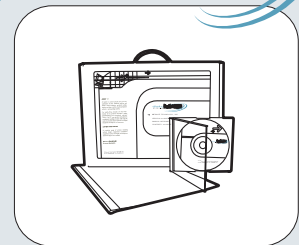
The signalMATE control provides interface communication requirements between a washer and the tekMATE PLC. These controls request the delivery of chemistry from the tekMATE based on the individual wash formulation requirements. The signalMATE is provided with a key pad to allow for formula input and actual load weight directly from the washer location.

The dataMATE communication system is a complete data retrieval and report generation system to be used for capturing wash-floor critical information to optimize wash-floor management. This computer software package interfaces with the tekMATE PLC and continuously monitors tekMATE activity.

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