



dataMATE Washroom Communications Software

The dataMATE communications system is a complete data retrieval and report generation system used for capturing chemical supply and formula critical information to optimize washroom management. The dataMATE system architecture serves three distinct functions; it monitors the tekMATE processing activity, it collects data and creates reports, and it provides chemical formula management capability.

A production manager can monitor machine activity on a wash isle with just a glance at the computer screen. The dataMATE software gathers the information coming from the tekMATE chemical dispensing system and utilizes the information for production reports, chemical inventory tracking, and error report generation. The system will also allow for outbound communication from the computer to the tekMATE PLC control to create/edit chemical formulas which are downloaded to the tekMATE control.

dataMATE System Features:

The dataMATE system is comprised of dataMATE software and all of the communication connections packages which allow with the tekMATE PLC controls to tie into the system. The dataMATE when used as a management tool, can have a direct impact on your washroom productivity and profitability.

After a quick, easy installation and setup, the dataMATE software is up and running. The dataMATE software automatically uploads data and allows monitoring of the operational data from the tekMATE chemical injection system. The dataMATE software stores the information in a format that works with the required Microsoft Access database program. With the software on-board your PC, it can be used to store the historical washroom activity and can even output the standard system reports or a "CSV" (comma separated variable) file for export to any user database or spreadsheet.

Supporting Equipment

signalMATE takes washer formula chemical injection requests and forwards them as standardized signal inputs to the tekMATE PLC. A two-line display and keypad on the senior model will provide system status information, manual formula selection and poundage entry.

The tekMATE system performs the mechanical chemical measuring and distribution functions and directs the operation of washer interface modules to provide needed chemical injections on request. Its touch-screen PLC panel provides easy system setup, visual indication of system operation status, and a comprehensive on-screen training and troubleshooting system.

dataMATE SPECIFICATIONS

Computer Requirements (Minimum):

Microsoft Windows XP Professional 2003 and Access 2003 or newer software.
Serial communications port (COM1-6)
Hard disk minimum 100 MEG free space.

Interface Requirements: The computer connects to tekMATE PLC controls via a RS232-RS485 converter that is supplied with the dataMATE system purchase.

System Reports: There are numerous standard reports such as Chemical Usage by Machine, Chemical Usage by Formula, Loads Produced, List of Alarms, etc. The dataMATE system can also generate "CSV" (comma separated variable) files for custom report generation by the user.

Security: dataMATE program access password codes come in three user levels with unlimited users per level.

Software Media: dataMATE software is supplied on one CD ROM disk. Updates are also available on CD ROM or through an internet download connection that can be provided by our technical staff.

Software License: The dataMATE program software is sold with a site-specific license for one location. A demo version is available. Contact the Ultimate Technology sales department.

Control Upgrades: Some washer controls may require hardware upgrades to provide supply signal outputs to the signalMATE machine interface controls.



30 Waverly Street, Taunton, MA 02780
Phone: (508)880-2400 Fax: (508) 880-2413
E-mail: info@u-tekinc.com Web: www. u-tekinc.com