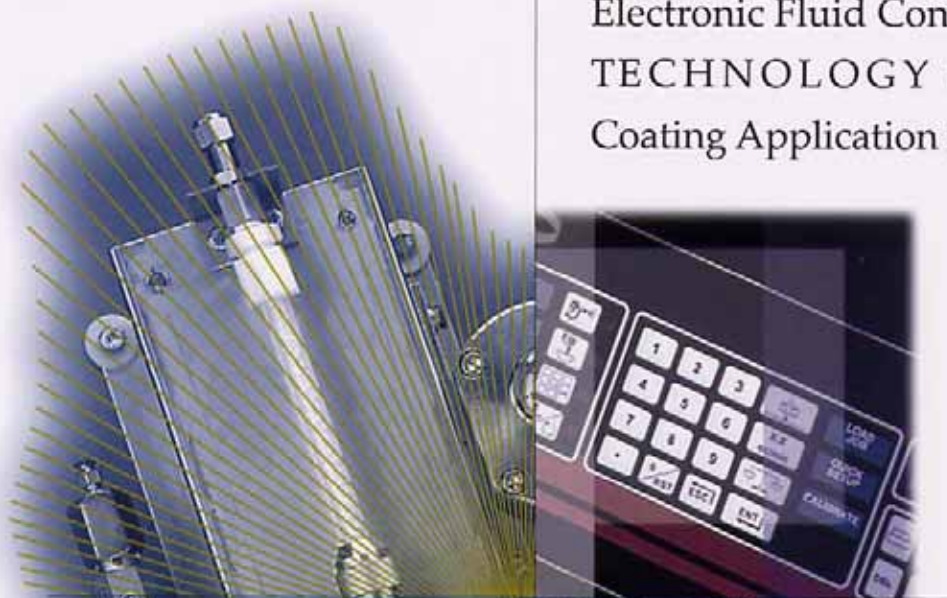


SECTION 5

Electronic Fluid Control
TECHNOLOGY for Today's
Coating Application Requirements.



TW Ransburg
Electrostatic Systems

Setting The Standard

Over 50 years of continuous **QUALITY** improvement.

Fluid Control is a key variable in today's demanding spray application environments. Managing this requirement for quality, performance and cost is a major industry challenge. ITW Ransburg's heritage of innovation plus our fast-track engineering and development are providing finishing operations, just like yours, with solid answers that address even the most perplexing process control requirements.

New mixing, metering and flow control components can greatly increase the overall efficiency of your electrostatic or non-electrostatic process control system. ITW Ransburg has elevated flow control and metering technology to a higher level of precision with state-of-the-art fluid handling technology. Now it is possible to reach – and maintain – much higher coating quality, more efficient production speeds AND a better handle on your bottom line.

A Systematic Approach To Controlling And Monitoring Flow.

The ability to control the delivery of fluid material dramatically increases the overall efficiency of the entire spray system by providing more uniform and consistent finish quality and reducing material waste. ITW Ransburg has combined market-driven R&D, innovative technology and engineering to develop a new series of fluid handling systems. Now we've got you covered from top to bottom with three next-generation systems that will meet, or exceed, your liquid electrostatic cost/performance requirements.



RATIO CONTROL SYSTEM (RCS)

The new standard for electronically controlled precision metering is the Ratio Control System (RCS). Fast and reliable the RCS is the ideal choice for applications where fast triggering, quick response and/or low flow are required. The RCS features magnetically coupled metering pumps – which eliminate shaft seals. The RCS provides absolute on-ratio gear-driven mixing and metering control. The system can be used with solventborne electrostatic or waterborne non-electrostatic applicators. This makes for easy integration into either automatic, manual, single or multi-applicator systems. Other standard RCS features include: PLC for color change and load operations, built-in system diagnostics, intelligent fault message displays, operator interface panel, flushable color pump, modular color changer with air/solvent purge and solenoid operated pilot air valves. A wide range of options and configurations enable the RCS to operate as a stand alone unit or custom-engineered system.



SECTION 5

DYNAFLOW FLUID METERING SYSTEM

The industry's most adaptable control platform with closed loop flow control, two component metering or multi component metering capabilities. The DynaFlow provides quick, concise and repeatable material flow control for up to eight applicators.

The customized computer/software controller simultaneously separates the entire flow control process into specialized functions – all operating at the same time. This innovation enhances overall coating system performance. The system's high performance channel module monitors, processes, computes and routes vital flow control data, acting on commands from the interface module. DynaFlow's interface module stores system configuration and data tables and communicates with an external host computer, PLC or local operator interface with a high-speed CANBUS data link. The local operator interface provides total system control with system configuration and data displays, text and graphic diagnostic computation and display. It also organizes, formats and reports all data and configuration tables to remote computers.

Other features include: single location monitoring of multiple systems, floppy disk drive for loading software and backing up parameters, valving for ease of calibration, solvent flush capability at mix block and, on-screen help diagnostics, and user friendly menus on back-lit LCD display.



E-Z FLOW FLUID METERING SYSTEM

An easy-to-use, economical flow control alternative, the E-Z Flow is a compact, cost effective microcontroller-based fluid metering system specifically designed for ease of use, yet it provides the feedback, control and sophistication needed for today's complex finishing processes. It stores up to five jobs, yet is quick and easy to set up, calibrate operate and service as a base system, or a remote interface system in hazardous locations. Other features include: pot life timer and pneumatic fault output, fault alarm horn and real time error messages, A- and B-side totals and refill totals, plus resettable and non-resettable totals, dual or single component flow systems and user-friendly menus on back-lit LCD display.



SECTION 5

We'll keep you COVERED

ITW Ransburg is committed to providing our customers with trend-setting technology, engineering and service. You can see it in our products. You can feel it from our people. You can hear it from our customers.

Consider these ITW Ransburg advantages:

- Next generation electrostatic systems research and development
- Fast-track systems design, engineering and development.
- ServiceNet™ parts, maintenance and troubleshooting support
- The best distributors in the business
- Helpful compliance solutions
- Customer internet web site technical support

ITW Ransburg

Electrostatic Systems

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