

RANSFLOW™

PRECISE RATIO CONTROL

DESCRIPTION

The RansFlow is a dynamic fluid metering system which offers closed loop metering and flow control of multi-component materials (2 or 3K). This electronic metering system provides accurate, repeatable and consistent quality finishes. RansFlow delivers critical control and cost savings by reducing reworks and required system maintenance frequency.

Simple and easy to integrate, the RansFlow fits seamlessly into your existing application. The closed loop system is self-correcting and provides an alarm system to prevent paint from hardening in the lines. Flush and fill cycles are programmable to make color changes fast and easy while the microprocessor stores up to 100 different paint recipes. Allowing for increased compatibility of flow rates and viscosities, the RansFlow is adaptable to meet all of your finishing needs.

ITW Ransburg's simple and reliable RansFlow delivers accurate mixing and metering at an affordable price and is designed to work with both manual and automatic systems.



FEATURES AND BENEFITS

- **Performance and Simplicity...**in a compact package
- **Modular Design...**controller and fluid section are separate, stand-alone units that can be located almost anywhere. The fluid panel can be located inside of the spray booth area
- **Touch Screen Interface...**uses graphic icons for simple programming and operation
- **Stores Up To 99 Jobs/recipes...**ideal for users with many different colors and ratios
- **Programmable Flush/Fill Cycles...**makes color change quick and easy while reducing the amount of waste generated
- **Compatibility...**to interface with a wide variety of flow meter types (gear, piston, coriolis)
- **Built-In USB Flash Drive Interface...**for usage report retrieval and parameter back-up

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SPECIFICATIONS:

Size:	Main Control Console – 24" w x 24" h x 9" d
Operating Temperature:	32° F to 100° F (ambient)
Operating Humidity:	0% to 95%
Power Input:	120 VAC @ 2 A or 240 VAC @ 1 A, 50/60 Hz. (self selecting)
LCD Display:	6.5" Diagonal, Full Color, 640 x 480 pixels (Utilizing a touch screen for input of data.)
Processor:	AMD Geode GX533
Flow Capacity:	10 cc's/min to 4000 cc's/min per channel (dependant upon material and flowmeter limitations)
Viscosity Range:	30 cp to 500 cp
PID Loop Updates:	50 times/second/channel
Job Tables:	99 Jobs (P-Sets) per gun (Stored in non-volatile flash memory)
Data I/O:	USB port available for retrieval and printout of flow totals and saving and restoration of job data



**User-Friendly Back Lit LCD Touch
Screen Panel Display**

OPTIONAL FEATURES:

- **Inlet Pressure Control...** maintains a constant pressure for material entering the fluid panel
- **True Programmable 3k Operation...** three channels are used to properly mix materials with up to three components
- **Remote (in-booth) Operator Panel...** uses a magnetic stylus for easy function selection from inside of the spray booth...intrinsicly safe version also available
- **Gun Flush Box...** allows automatic color change with manual hand gun



ITW Ransburg

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