



RCS-2

Ratio Control System

- **Accurate, consistent proportioning:** RCS 2 software provides user-friendly programmable alarm tolerances, programmable pot-life timer, multiple flow rates and ratios, and no exotic mixing chambers to maintain or external fluid boosters or balancing pumps required.
- **Magnetically coupled fluid metering pumps:** RCS 2 technology has an established record for reliability in high performance finishing systems. With no critical seals to worry about leaking or maintaining, you get trouble-free on-ratio performance year after year.
- **Flushable color pump:** RCS 2 is specifically designed to accommodate color to color changes with no color carryover.
- **Modular color changer with air/solvent purge:** RCS 2 offers a graphical display for optimizing color change, flush, and load sequences. Different sequences and times can be programmed for every color (parameter set).
- **Ultimate system flexibility:** RCS 2 can be used with rotary atomizers, bells, disks and either electrostatic or non-electrostatic sprayguns. The system can be configured as a stand-alone cart-mounted assembly, as individual control panels for integration into an existing paint shop, or the control racks and boards can be mounted in an engineered control panel.
- **Programmable Gun Types:** RCS 2 can be easily integrated into either automatic or manual multi-applicator systems. System can be configured for flow and ratio control for automatic guns or ratio only mode for manual or hand gun applications.

FEATURES

- A common computer based graphical user interface
- Built-in system diagnostics
- Intelligent time and date stamped fault messages
- Configurable fault conditions and tolerances
- 100 parameter sets per gun
- Comprehensive context-sensitive help screens
- Pot-life timer and pressure pot volume monitoring and alarming
- Forcible discrete and analog inputs and outputs
- Ability to update (flash) firmware on-site with a laptop
- Password protection of all operational parameters
- Data acquisition style trending screens
- Proportional flow rates based on number of applicators being triggered

SPECIFICATIONS

MECHANICAL

Size:	71" H x 25" W x 32" D (1803.4 mm x 635 mm x 812.8 mm)
Weight:	400 lbs. (181.4 kg)
Operating Temperature:	32°F - 130°F (0°C - 54°C)
Operating Humidity:	0% - 95%
Pneumatic Air Consumption:	less than 5 cfm
Pneumatic Inlet and Outlet Size:	3/8" ODT
Fluid Capacity:	1.5 cc/min - 1500 cc/min per pump
Fluid Inlet Size:	3/8" ODT
Fluid Viscosity Range:	20 - 1000 centipoise
Fluid Input Pressure:	3 psi - 120 psi
Fluid Outlet Pressure:	200 psi max.



RCS 2 rack-mount processor

OPTIONAL FEATURES

- A programmable 10-color, 12-step color change sequencer
- In-booth intrinsically safe operator interface panel
- The ability to be retrofitted to existing RCS fluid panels
- EtherNet/IP communication



RCS 2 fluid panel

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Form No. 03-556-01