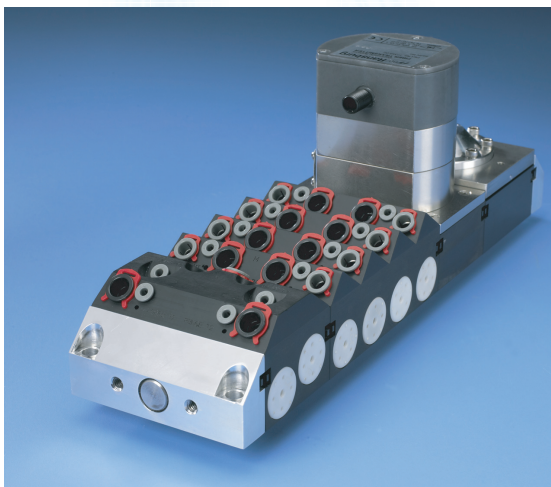


MCV2

COLOR CHANGE SYSTEM



New insert-and-seal feature combined with modular design provides quick and easy color change no matter what the application, from small industrial shops to major automotive lines

DESCRIPTION

The MCV2 Color Change System is designed to meet today's rapidly changing world of Automotive, Tier 1 and Industrial coatings, with a practical valving and hose hook up assembly that is suitable for a variety of applications.

The MCV2's durable construction makes this unit compatible with today's coatings, including waterborne high solids and catalyzed materials. ITW Ransburg's modular design allows for the changing needs of fluid supply systems, with the ability to expand as the needs of a system change.

In addition, these same valves are used in other atomizers for triggering and fluid dump functions, providing you with simplified maintenance and part stocking. Since the valve was designed for the rigorous cycling associated with applicator triggering, the valve is very robust for the normal frequency of triggering associated with a color stack.

FEATURES AND BENEFITS

- Low profile for applications where space and weight is a premium.
- No additional fittings are required at the connection point with new insert-and-seal design. The new design eliminates the cost of the fitting and the labor to install.
- Piston Flag gives a visual indication when valve is triggered and, in areas where the view is obstructed, the flag can be physically felt.
- Fluid and air pilot valves are completely divorced, eliminating the risk of fluid contaminating the air pilot source.
- One-piece needle stem design eliminates failure associated with two-piece design.
- Up to 32 colors can be used, allowing for a variety of quick and easy color changes.
- Internal porting of the valve block yields low shear on the coating material, reducing the likelihood of the color shifts that can occur from damage to metallic flake.
- Weep hole provides a visual indication of fluid seal failure.
- Lightweight plastic design is durable, corrosion resistant and built to last under rigorous and continuous use.
- Two Kalrez® o-ring seals between each block eliminate paint trap cavities.
- Internally ported stack purge/bell wash module eliminating additional solvent/air connections.
- Includes tool to chamfer edges.

MCV²

COLOR CHANGE SYSTEM

SPECIFICATIONS

Recommended for waterborne or solvent-based paints

Fluid Operating Pressure:	300 psig (20.7 bar)
Air Actuating Pressure:	70 psig min (4.9 bar)
Trigger Tube Size:	5/32" (4mm)
Fluid Tube Size:	10mm, 8mm - ODT 3/8", 5/16" - ODT
Maximum Number of Colors:	32 – consult factory for additional colors
Construction Materials:	Actual resins, Teflon, Stainless Steel, Kalrez™
2 Color Modular Selector Size: (smaller purge version)	4" (101.6mm) wide x 1 1/4" (31.7mm) Deep x 2 1/8" (54mm)
2 Color Modular Selector Weight: (single purge version)	7oz (200g)

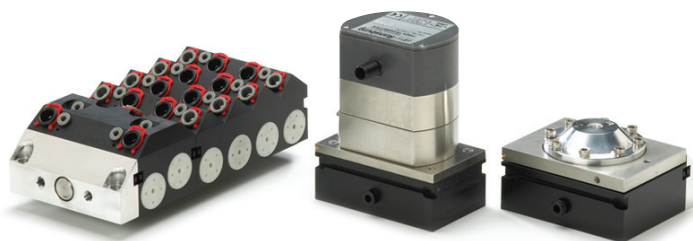
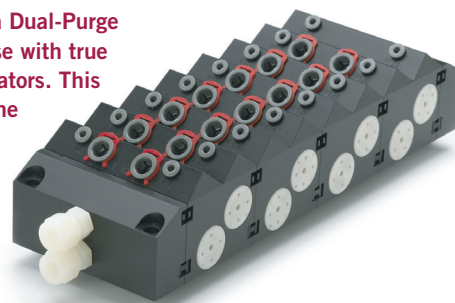
AVAILABLE WITH THE FOLLOWING FEATURES:

- Each of the insert-and-seal fittings for fluid contain a dual o-ring seal.
- All fluid wetted-o-rings are Kalrez™
- Available in Metric (10mm, 8mm ODT) or English sizes (3/8", 5/16" ODT).
- Available in circulating, dead-head and daisy-chain styles.
- Available with or without ITW RF-1 fiber optic flowmeter stack module.
- Available with DR-2 fluid regulator stack module. All available with DR-1 associated ratios.
- Available with external DR-1 regulator.



Insert-and-Seal feature combined with modular design provides quick and easy color change

Also available with a Dual-Purge MCV2 module for use with true "Dual-Purge" applicators. This allows cleaning of one line while spraying from another line at the same time.



Modular Components allow for flexibility

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