

## MCV2

### COLOR CHANGE SYSTEM

***Low Profile Applications  
Where Space and Weight  
is Limited***

***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***



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

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. New insert-and-seal feature combined with modular design provides quick and easy color change no matter what the application.

The MCV2's durable construction makes this unit compatible with many of today's coatings, including waterborne high solids and catalyzed materials. It'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, the valve was designed for the rigorous cycling associated with applicator triggering, making this a very robust color stack.

# MCV2

## SPECIFICATIONS:

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### Recommended for waterborne or solvent-based paints

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



**Modular Components allow for flexibility**

- 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.
- 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 o-ring seals between each block eliminate paint trap cavities.
- Internally ported stack purge/bell wash module eliminating additional solvent/air connections.
- 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 allows for flexibility.



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