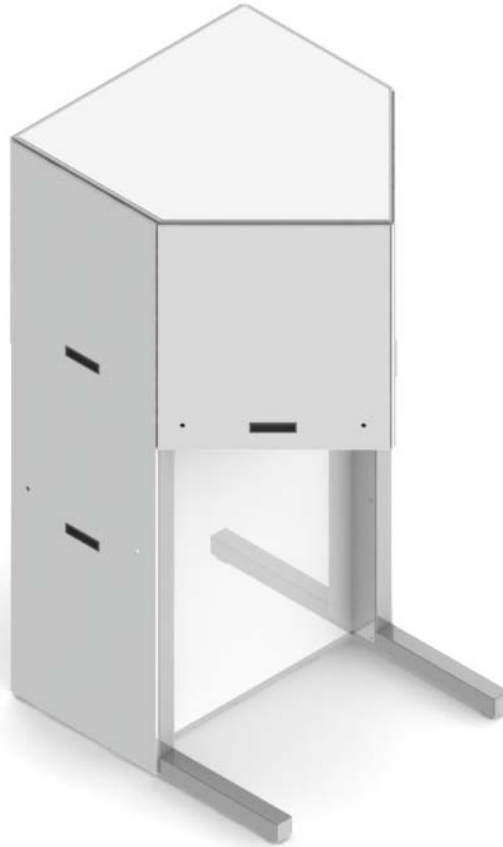


RMix

Single Formula, Ratio Dispenser



Revolutionizing the Industrial Dispense Industry

The **RMix** is a Single Formula, Ratio Dispenser. A common application in industry is the requirement to Ratio (proportion) ingredients together, in real-time and in the proper ratio. These types of applications typically involve a "catalyst" which is proportioned with a base ingredient. The **RMix** dispenser can real-time ratio a formula of up to four ingredients through a unique Active Mixer assembly. Applications include blending adhesives for laminators in the flex pack industry and catalyzing paint.

The Standard of *Accurate Speed*

Some dispensers are accurate and some dispense large volumes quickly. Speed, though, usually compromises accuracy. Not so with the RMix, which competes with all other equipment in terms of speed but also greatly exceeds their accuracy. This speed with accuracy performance is revolutionizing the dispense industry.

Blend On Demand

RMix can save you time and money by dispensing the formula needed, quickly and accurately on a just-in-time basis.



Any Materials

Whether your blend components are aggressive solvents, aqueous solutions, highly viscous materials, or any other challenging media...the RMix can handle them.

Any Size Batch

If you need a few ounces in a small container or 50 gallons in a drum, or 300 gallons in a tote....no problem for the RMix.

Multi-Mode Dispense Capabilities

The mission of the RMix is to *Ratio* up to four ingredients simultaneously. The RMix can run batches in *Volumetric* simultaneous dispense mode (all ingredients dispensed at the same time) and *Gravimetric* mode (ingredients dispensed one at a time).



Industrial Strength

We provide dispense systems for distribution. This is not retail or point-of-sale equipment; these are robust, reliable, fast, and accurate dispensers for industrial uses. Whether you process solvent-based or aqueous solutions, or a wide range of viscosities, our equipment can handle it.

Clean

All structural and surface materials are stainless steel. The wing tops are perimeter welded, leak-proof stainless steel design for easy clean up of spills and the prevention of cross contamination of materials.

Recirculation and Agitation

Automated, configurable fluid recirculation keeps materials "fresh" and prevents solids from settling. Optional mechanical agitation is available for supplied canisters.



Minimum Floor Space

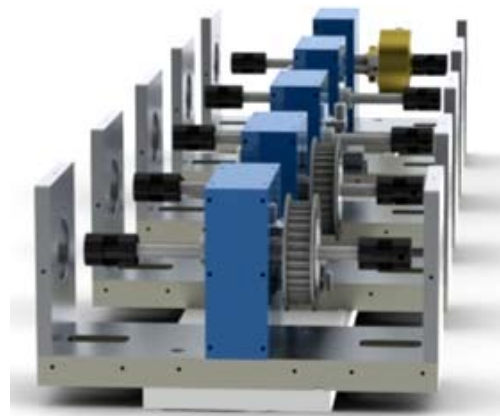
Considering the large volume and speed the RMix can dispense, its 200-square-foot minimum floor space (for a typical three-circuit unit) optimizes your floor space usage compared to competitors' machines.

Ease of Use

The RMix does not require a PC. A simple Operator Panel controls all manual and automatic functions of the dispenser.



Operator Panel (Three-Ingredient Dispenser)



Pump Train Assembly

Specifications

Dispense size range.....4-Switch selectable container sizes
 Dispense speed: 1 gallon (typical formula).....20 seconds
 Dispense repeatable minimum shot size.....1/10 gram

Fluid Requirements

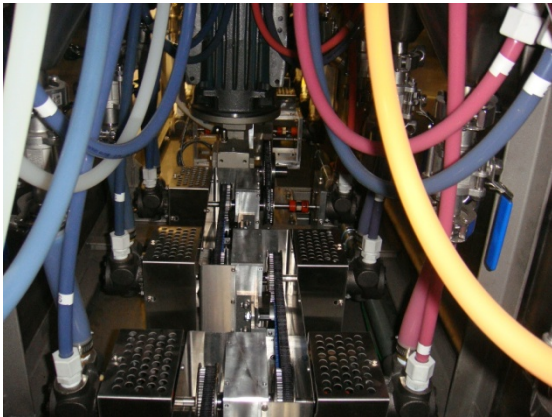
Viscosity range for supply materials0 cp - 7,000 cp
 Materials supported.....solvent borne or aqueous

Machine Design Specs

Supply of materials (internal).....3 gallon or 6 gallon canisters
 Supply of materials (external)unlimited via Remote Bulk Supply
 Fluid circuit capacity2 to 4 circuits
 Operating environmentfrom unclassified up to Class 1/ Division 1
 Machine composition materials.....Stainless Steel
 Footprint (4-circuit machine).....approximately 200 sq ft
 Weight (4-circuit machine empty)approximately 1400 lb

Utility Specs

Electric.....480 - 560 V 3phase
 Pneumatic.....120 psi @ 2 cfm



Standard Features

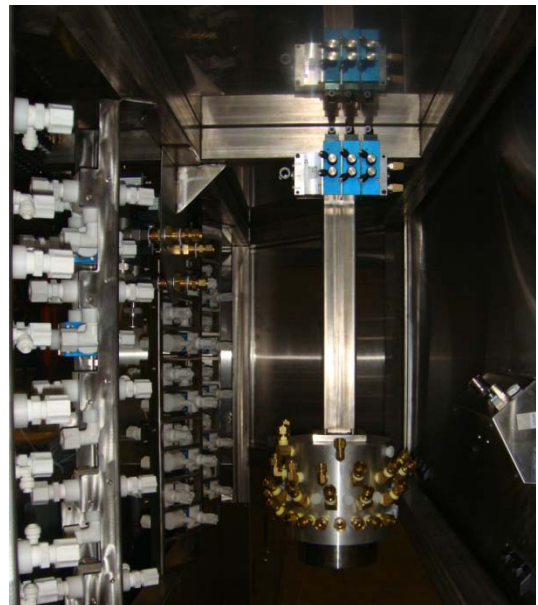
- PLC-based industrial controls platform. Robust and reliable.
- Active Mixer Assembly with cip nozzle.
- Hardwired Operator Control Panel.
- All stainless steel construction.
- No PC needed.
- All covers removable without tools; stainless steel appliance-style sheet metal cover panels.
- Integrated laboratory-grade certified scale.
- Designed with easy access and plenty of room for maintenance.
- Dispense head opening can accommodate cans as small as one quart.
- Proprietary high speed, bubble-tight dispense valves.
- Class 1/Division 1. No purged components.

Options

- Bulk or remote feed systems direct to RMix.
- Canister wing assemblies containing 3- or 6-gallon ingredient storage.
- Integrated secondary floor scale for certification of drum based dispenses.
- Conveyors shuttle can shakers.
- Optional data logging to external dispense database.
- Dispense label printer.
- Service contracts.
- Robotic-based handling systems.

Applications

- Chemical blending and custom formulation.
- Lamination adhesive batching.
- Blending resin and catalyst mixtures.



Pricing Guide

The prices below are provided for estimation purposes. Generic Fluid Systems would provide a firm quotation following an engineering site visit to determine your exact specifications and options needed for a complete RMix system. The table contains two variables: size and environment.

Size

Refers to the number of ingredients you wish to load into the RMix. The table provides for two common size selections: 2 or 4.

Environment

Refers to NEC Classification for the environment where the RMix will be installed. Typically, solvent-based ingredients will require NEC Class 1/Division 1 (explosive environment) or NEC Class 1/Division 2 (flammable environment). Aqueous (water based) ingredients will typically be in an unclassified or non-hazardous area.

Typical RMix Price Ranges (Dollars USD)		
RMix Size	Non-Hazardous Environment	Hazardous Environment
2 Ingredients	\$42,000 - \$48,000	\$48,000 - \$54,000
4 Ingredients	\$48,000 - \$54,000	\$56,000 - \$64,000



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