

Our Equipment

Dispenser Machines



Multi-Formula, Multi-Ingredient Dispenser - This dispenser is for complex formulations typical of Paint Formulation, Paint Tinting, Ink Formulation, Dyes, Stains, Varnishes, Chemical Compounding, Flavorings and Lab Formula creation. Dispensers support a wide range of ingredients, large amounts of formulas, and various feedstock options for the ingredient supply. Our [Volumetrix™](#) Dispenser can handle up to 60 ingredients with an unlimited amount of formulas. This dispenser includes a full function Graphic Interface with a Formula Editor and dispense database.



Single-Formula, Multi-Ingredient Dispenser - In some applications, the dispenser only needs to repeat the same formula continuously. While this type of dispenser can have many ingredients, a single formula usually requires no more than 10 ingredients. Common applications for this dispenser are Toll Blending and Chemical Batch Production. Our [Formula 1](#) dispenser can handle up to 10 ingredients and comes with a simple to use Operator Control panel.



Single-Formula, Ratio (Proportioning) - A common application is the requirement to Ratio (proportion) ingredients together, in real-time in the proper ratio. Applications typically involve a “catalyst” which is proportioned with a base ingredient. Adhesives for laminators in the flex pack industry or catalyzing paints are common uses. Our [RMix](#) dispenser can ratio a formula of up to 6 ingredients in real-time through a unique Active Mixer assembly



Filling Smaller Containers from Larger Product Holding Tanks - This dispenser simply fills containers with liquid. Our [Filling Station](#) dispenser line is designed to handle the task with various automatic and semi-automatic systems. This system can handle from 1 to 10 liquid circuits and can dispense into quart, gallon, drum, and tote size containers.

Fluid Delivery Systems



Recirculation, Pumping and Valve Control - We provide Electric-Driven [Pump Train](#) systems for fluid recirculation and delivery, batching, and production applications. We also supply valves, manifolds, valve-control station consoles, scale and weight displacement encoder options, and interfaces for these systems. Various combinations of this equipment can produce fully automatic or semi-automatic batching operations.

Custom Industrial Dispensers

Custom Combinations of our Dispenser equipment and technologies can be combined and integrated with Robots, Conveyors, Lid, and Labeling equipment to meet any possible application.

Select the Dispenser Mode for Your Operation

Virtually everything manufactured today involves coating applications. Whether it be paint, adhesive, varnish, ink for labels and packages, or even dyes for your clothes or carpeting ... the skillful production and distribution of coatings is a common requirement in almost every manufacturing endeavor.

Generic Fluid Systems line of dispensers includes four standard dispensers as well as fluid delivery equipment and customized dispensers.

Your Process	Number of Ingredients and Formulas	Typical Applications	Dispenser Mode
Standard Industrial Dispensers			
Multi-Formula, Multi-Ingredient	10 to 60 Ingredients Unlimited Formulas	Paint Formulation, Paint Tinting, Ink Formulation, Dyes, Stains, Varnishes, Chemical Compounding, and Flavorings	Volumetrix
Single Formula, Multi-Ingredient	4 to 10 Ingredients 1 to 3 Formulas	Chemical Compounding, Toll Blending, Paints, Coatings and Adhesives	Formula 1
Single Formula, Ratio (Proportioning)	2 to 6 Ingredients 1 to 3 Formulas	Lamination Adhesives, General Purpose Adhesives, Multi-component Paints, or any application which uses catalysts mixed with base resins	RMix
Filling Containers with product from larger holding or batching tanks	1 to 10 Ingredients	Automatic and Semi-Automatic dispensers designed to fill liquids from storage tanks into quart, gallon, pail, drum and tote size containers.	Filling Station
Fluid Delivery Systems			
Recirculation and Fluid Supply	Up to 10 Fluids per System	Electric-driven systems for fluid delivery to production or batching applications. We also supply valves and valve-control panels, and scale and weight displacement encoder interfaces for these systems.	Pump Train
Customized Industrial Dispensers			
Custom Combinations of our dispenser equipment and technologies can be integrated with robots, conveyors, lidding and labeling equipment to meet <u>any</u> possible application.			

Dispenser Line Capability Comparison and Pricing Guide

	Machines			
	Volumetrix	Formula 1	RMix	Filling Station
Supports Aqueous or Solvent-Based Ingredients	Standard	Standard	Standard	Standard
Number of Ingredients	10 to 60	4 to 10	2 to 6	1 to 10
Number of Formulas	Unlimited	1 to 3	1 to 3	Not Applicable
Ingredient Feedstock Methods				
3 or 6 Gallon Canister Supply Wings	Optional	Optional	Optional	NA
From Remote Mother Tank	Optional	Optional	Optional	Optional
55 Gallon Drum	Standard	Standard	Standard	Standard
Direct from Day Tank	Standard	Standard	Standard	Standard
Methods of Dispense				
Gravimetric	Standard	Optional	Optional	Optional
Volumetric	Standard	Standard	Standard	Standard
Ratio	Optional	NA	Standard	NA
Priority	Standard	NA	NA	NA
Combination	Standard	NA	NA	NA
PLC-based Controls				
PLC-based Graphic Interface	Standard	Optional	Optional	Optional
Hardwired Operator Panel (No PC)	NA	Standard	Standard	Standard
Full Feature Formula Editor	Standard	NA	NA	NA
Formula Teach Pendant	NA	Standard	Standard	Standard
SQL Dispense Database	Standard	Optional	Optional	Optional
Programable Fluid Recirculation	Standard	Standard	Standard	Standard
Precision Dispense Valves	Standard	Standard	Standard	Standard
Mechanical Agitators	Optional	Optional	Optional	NA
Weight Displacement Encoder	Standard	Standard	Standard	Standard
Stainless Steel Construction	Standard	Standard	Standard	Standard
Electric Driven Pumps	Standard	Standard	Standard	Standard
100 Lb. Capacity Scale	Standard	Optional	Optional	Optional
1000 Lb. Capacity Scale	Optional	Optional	Optional	Optional
Multi-lingual Interface	Standard	Optional	NA	NA
Selectable Unit or Measure (Quart, Gallon, Liters, Pounds, Grams, or Kilograms)	Standard	Optional	NA	NA
Price Range for Non-Hazardous Area	\$90,000 - \$675,000	\$54,000 - \$87,000	\$42,000 - \$68,000	\$23,500 - \$62,000
Price Range for Hazardous Area, Class 1/Division 1	\$115,000 - \$725,000	\$73,000 - \$118,000	\$48,000 - \$78,000	\$28,000 - \$80,000

Note – All Price Ranges are in USD



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Fluid Delivery Systems Pricing Guide

Pump Train Assemblies

PumpTrain Model	Base Price Range
2PUMPTRN (2 circuit system)	\$28,000 - \$30,000
4PUMPTRN (4 circuit system)	\$32,000 - \$34,000
6PUMPTRN (6 circuit system)	\$36,000 - \$38,000
8PUMPTRN (8 circuit system)	\$40,000 - \$42,000
10PUMPTRN (10 circuit system)	\$44,000 - \$46,000

Canister Wing Assembly Models

Canister Wings	Base Price Range
2CANWING (2 circuit system)	\$38,000 - \$40,000
4CANWING (4 circuit system)	\$44,000 - \$46,000
6CANWING (6 circuit system)	\$50,000 - \$52,000
8CANWING (8 circuit system)	\$56,000 - \$58,000
10CANWING (10 circuit system)	\$62,000 - \$64,000

Dispense Valve Assembly Models

Dispense Valve Racks	Base Price Range
2VALVERCK (2 circuits)	\$8,000 - \$10,000
4VALVERCK (4 circuits)	\$12,000 - \$14,000
6VALVERCK (6 circuits)	\$16,000 - \$18,000
8VALVERCK (8 circuits)	\$20,000 - \$22,000
10VALVERCK (10 circuits)	\$24,000 - \$26,000

Dispense Nozzle Stations	Base Price Range
10STATION (up to 10 circuits)	\$18,000 - \$20,000
20STATION (up to 20 circuits)	\$24,000 - \$26,000
30STATION (up to 30 circuits)	\$36,000 - \$40,000
40STATION (up to 10 circuits)	\$44,000 - \$50,000
60STATION (up to 60 circuits)	\$60,000 - \$68,000

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