

Filling Station

Fill Small Containers from Large Holding Tanks



**Dispense Station with Swing-away
Shelf for Small Batch Containers**

Revolutionizing the Industrial Dispense Industry

The [Filling Station](#) dispenser line is designed to simply fill containers with liquid. This dispenser line, which uses various automatic and semi-automatic systems, can handle from one to 10 liquid circuits and can dispense into four different container sizes.

The Standard of *Accurate Speed*

Some dispensers are accurate and some dispense large volumes quickly. Speed, though, usually compromises accuracy. Not so with the Filling Station system, 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.



Batch on Demand

The Filling Station system fills batches from large product holding tanks into smaller containers. The design includes Pump Trains for recirculation and dispensing, valve and dispense nozzle assemblies, and an integrated Operator Control Panel.

Any Materials

Whether your batch materials are aggressive solvents, aqueous solutions, highly viscous materials, or any other challenging media...Filling Station can handle them.

Any Size Batch

If you need a pint, quart in a small container, 50 gallons in a drum, or 300 gallons in a tote....no problem for Filling Station.

Simply Reliable

The Filling Station system requires no computer, no parameter settings, and no software. The simplicity of this system equates to ease of operation. The reliable industrial PLC-based electronics make it an industrial workhorse.

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.

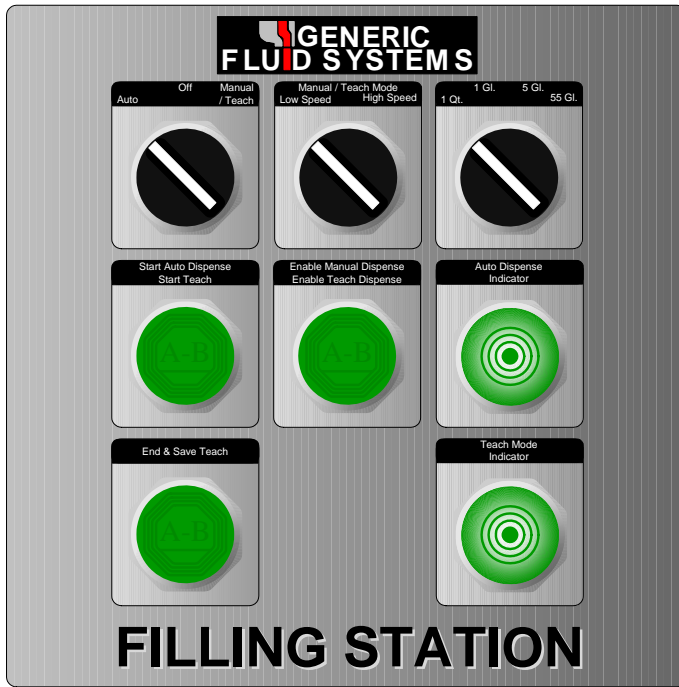
Minimum Floor Space

Considering the large volume and speed the Filling Station can dispense, its 120-square-foot minimum floor space (for a typical four-circuit unit) optimizes your floor space usage compared to competitors' machines.

Ease of Use

The Filling Station does not require a PC. A simple Operator Panel controls all Manual and Automatic functions of the dispenser.

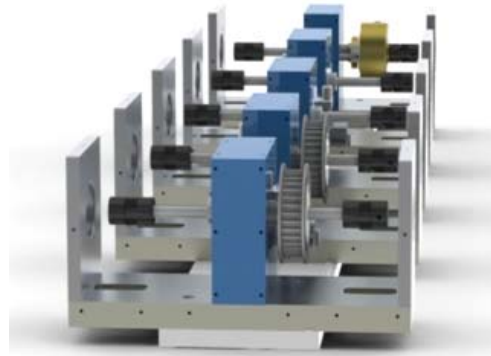




Operator Control Panel



Pump Drive Train (10 circuits)



Specifications

Dispense size range4 switch selectable container sizes
Dispense speed: 1 gallon (typical formula)20 seconds
Dispense repeatable minimum shot size1/10 gram

Fluid Requirements

Viscosity range for supply materials.....0 cp - 7,000 cp
Materials supportedsolvent borne or aqueous

Machine Design Specs

Supply of materials (internal)3 gallon or 6 gallon canisters
Supply of material I(external)unlimited via Remote Bulk Supply
Fluid circuit capacity1 to 10 circuits
Operating environmentfrom unclassified up to Class 1/ Division 1
Machine composition materials.....Stainless Steel
Footprint (10 circuit machine).....approximately 120 sq ft
Weight (10 circuit machine empty).....approximately 1000 lb

Utility Specs

Electric480 - 560 V 3phase
Pneumatic120 psi @ 2 cfm



Standard Features

- PLC-based industrial controls platform. Robust and reliable.
- 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 Filling Station.
- Canister wing assemblies containing 3- or 6-gallon ingredient storage.
- Integrated secondary floor scale for certification of drum based dispensers.
- Conveyors shuttle can shakers.
- Optional Data logging to external Dispense Database.
- Dispense label printer.
- Service contracts.

Applications

- Chemical batching.
- Filling and distribution of liquid batches.



Pricing Guide

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

Size

The table provides for three common size selections: 2, 4, and 10. Note that any size of ingredients can be specified, for example 1, 3, etc.

Environment

Refers to NEC Classification for the environment where the Filling Station will be installed. Typically, solvent-based ingredients will require NEC Class1 / 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 Filling Station Price Ranges (Dollars USD)		
Filling Station Size	Non-Hazardous Environment	Hazardous Environment
2 Ingredients	\$38,000 - \$42,000	\$44,000 - \$50,000
4 Ingredients	\$44,000 - \$48,000	\$52,000 - \$58,000
10 Ingredients	\$56,000 - \$62,000	\$70,000 - \$80,000



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