

# 1-Way Pharma SS Mixing Station With Trigger Gun

MODEL # 901071

## OVERVIEW

The 1-Way Pharma SS Mixing Station With Trigger Gun is a turnkey, industrial-grade chemical proportioner for accurately diluting a chemical concentrate. This stainless steel venturi injection system uses city water pressure (25 - 125 PSI) to draw and blend chemical concentrate into the water stream to create and dispense diluted chemical solution. Available with two factory set flow rates to fill any sized container or equipment. The "Pharma" designation indicates that the Materials of Construction are compatible with the requirements of the Pharmaceutical Industry.

This unit ships with a Certificate of Conformity.

## Key Features

- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Dispenses through a trigger gun to prevent the unit from running unattended
- Stainless steel injector body and chemical-resistant wetted components ensure durability and years of outstanding performance with minimal maintenance
- Turnkey design includes backflow preventer to protect the water supply from potential chemical contamination
- Specialized to meet the performance and regulatory demands of the Pharmaceutical Industry
- Dilution ratio controlled with precision metering tips
- Adjustable water pressure regulator refines the dilution ratio produced by each tip and ensure accuracy with fluctuating water pressure
- Draws chemical concentrate from any sized container
  - Please specify the flow rate when ordering
  - Low Flow (LF) or High Flow (HF)
- See other Lafferty chemical management systems in [Catalog 9](#)

## Includes

- Stainless steel mounting bracket
- 1/2" brass backflow preventer (Watts 9DM2)
- 1/2" brass, adjustable water pressure regulator
- Easy-to-read water pressure gauge for accurate tip selection
- Stainless steel activation ball valve
- Stainless steel injector body
- Stainless steel chemical check valve (EPDM seals)
- 20 color-coded precision metering tips to set dilution ratios
- Polyurethane chemical pick-up tube with Hastelloy strainer
- 20' EPDM discharge hose
- Polypropylene dispensing trigger gun with stainless steel and Viton internal components
- Stainless steel hose rack
- Certificate of Conformity

## OPTIONS

### Stainless Steel Jug Racks

Jug Rack, SS, 1 Gallon, Round/Square	# 224200
Jug Rack, SS, 2 1/2 Gallon	# 224210
Jug Rack, SS, 5 Gallon, Round/Square	# 224215

### Safe Flow Lid™ for 1 Gallon Jugs

Lid, Suction Tube, and Strainer	# 709101
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### Alternate Check Valve - EPDM Standard

Check Valve, Chemical, SS, Viton, 1/4"	# 491324-V
Check Valve, Chemical, SS, Kalrez, 1/4"	# 491324-K



Hose rack included (not shown to scale)

## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature	up to 180°F
Pressure	25-125 PSI
Supply Line	1/2" Minimum
Discharge Hose	1/2" ID x 20' & Trigger Gun

#### Flow

High Flow	4.0 GPM @ 40 PSI
Low Flow	1.95 GPM @ 40 PSI

#### Dilution Ratio Range @ 40 PSI

High Flow	914:1 to 9:1
Low Flow	446:1 to 4:1

## APPLICATIONS

- Pharmaceutical
- Clean Rooms
- Agriculture/Horticulture
- Animal Health
- Food & Beverage
- Industrial
- And Many Other Applications!

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