

# High Volume 1242 Mixing Station

MODEL # 985845

## OVERVIEW

The High Volume 1242 Mixing Station is a 12 GPM @ 40 PSI chemical proportioner for accurately diluting a chemical concentrate to the required ratio and for rapidly filling large containers with diluted, ready-to-use chemical solution. This venturi injection system uses standard city water pressure (35 - 125 PSI) to draw and blend chemical concentrate into the water stream to create an accurately diluted solution. Ball valve activation allows for hands-free dispensing.

## Key Features

- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Ball valve activation allows for hands-free dispensing
- Quickly fills floor scrubbers, tank foamers/sprayers or any large container at 12 GPM @ 40 PSI to minimize downtime
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Dilution ratio controlled with precision metering tips
- Draws chemical concentrate from any sized container
- Optional trigger gun or ball valve & wand
- Optional 2nd chemical pickup tube for stronger dilution ratios or more viscous chemicals (#491404-A)
- Available with a lower flow rate (#985835)
- See other chemical management systems in [Catalog 9](#)

## Includes

- Stainless steel mounting bracket
- Stainless steel activation ball valve
- Polypropylene injector body
- 20 color-coded precision metering tips to set dilution ratios
- 10' open flow discharge hose with 1/2" MPT hose-end fitting for optional attachments

## OPTIONS

### Stainless Steel Hose Racks

Small Stainless Steel Hose Rack # 224145

### Stainless Steel Jug Racks

5 Gallon Round/Square Locking (12" x 12") # 224214

5 Gallon Round/Square (12" x 12") # 224215

### For Stronger Ratios or Viscous Chemicals

1/2" Chemical Pick-up Assembly (Viton) # 491404-A

1/2" Chemical Pick-up Assembly (EPDM) # 491403-A

### Hose, Ball Valve & Wand

Hose, Blue, 3/4" x 25', 1/2" MPT # 803725

Ball Valve, SS, 1/2" FM # 413641RH

Wand, PP # 536603

### Hose & Trigger Gun

Hose, Blue, 3/4" x 25', 1/2" MPT # 803725

Trigger Gun, PP-V # 320800

### Alternate Chemical Check Valve - Viton Standard

Check Valve, Chemical, PP(W), 1/4" (EPDM) # 491401

## APPLICATIONS

- Filling Floor Scrubbers and Tank Foamers
- Agriculture/Horticulture
- Food & Beverage
- Industrial
- Janitorial/Sanitation
- Metal Processing
- Pharm/Bio
- Supermarkets
- And Many Other Applications!



## REQUIREMENTS

### Chemical Concentrate

#### Water

Temperature up to 160°F  
Pressure 35 to 125 PSI  
Flow 12 GPM @ 40 PSI  
Supply Line 3/4"

Hose 3/4" ID x 10'

### Dilution Ratio Range @ 40 PSI

985845 2,743:1 to 11:1  
With Dual Pick-up Kit 11:1 to 5.6:1

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