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

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

APPLICATIONS

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

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