

517 Trigger Gun Mixing Station

MODEL # 985830

OVERVIEW

The 517 Trigger Gun Mixing Station is a 5 GPM @ 40 PSI chemical proportioner for accurately diluting a chemical concentrate and filling containers with ready-to-use chemical solution. This venturi injection system uses standard city water pressure (35 - 100 PSI) to draw and blend chemical concentrate into the water stream. Trigger gun activation allows for hands-on controlled filling and automatic shutoff.

Key Features

- Eliminates manual mixing and optimizes chemical utilization, employee safety, and labor efficiency
- Trigger gun prevents the unit from running unattended, improves operator control, and minimizes dripping after shutoff
- Quickly fills floor scrubbers, tank foamers/sprayers or any larger container at 5 GPM @ 40 PSI to reduce downtime
- Extended length hose to fill large equipment at a distance
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Industrial-strength design holds up in tough environments
- Draws chemical concentrate from any sized container
- Available with a higher flow rate (#985835)
- See other chemical management systems in [Catalog 9](#)

Includes

- Stainless steel mounting bracket
- Stainless steel inlet ball valve
- Machined polypropylene injector body
- 20 color-coded precision metering tips to set dilution ratios
- 15' discharge hose
- Polypropylene trigger gun with stainless steel and Viton internal components



REQUIREMENTS

Chemical Concentrate

Water

Temperature	up to 160°F
Pressure	35 to 100 PSI
Flow	5 GPM @ 40 PSI
Supply Line	3/4"

Hose

3/4" ID x 15'

Nozzle

Trigger Gun

Dilution Ratio Range

1,143:1 to 11:1 @ 40 PSI

OPTIONS

Stainless Steel Hose Racks

Small Stainless Steel Hose Rack	# 224145
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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

Alternate Check Valve - Viton Standard

Check Valve, Chemical, PP, 1/2" HB (EPDM)	# 491403
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For Stronger Ratios or Viscous Chemicals

1/2" Chemical Pick-up Assembly (Viton)	# 491404-A
1/2" Chemical Pick-up Assembly (EPDM)	# 491403-A

APPLICATIONS

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

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