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



OPTIONS

Stainless Steel Hose Racks	
Small Stainless Steel Hose Rack	# 224145
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
For Stronger Ratios or Viscous Chemicals	
1/2" Chemical Pick-up Assembly (Viton)	# 491404-A
1/2" Chemical Pick-up Assembly (EPDM)	# 491403-A

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

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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