1-Way Ball Valve SS Mixing Station

MODEL # 985100SS

ASSE 1055

COLOR HANDLES OPTIONS







OVERVIEW

The 1-Way Ball Valve SS Mixing Station is a solvent-resistant, ASSE 1055 certified chemical proportioner that accurately dilutes chemical to the required ratio and dispenses into any size container. This stainless steel venturi injection system uses city water pressure (25 - 125 PSI) to draw and blend chemical concentrate into the water stream and precision metering tips to set the dilution ratio for each valve. Ball valve activation allows for hands-free dispensing. Choose a factory-set flow rate at the time of order (Low Flow or High Flow).

Key Features

- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Ball valve activation allows for hands-free dispensing
- Stainless steel injector body and solvent-resistant wetted components ensure durability and years of outstanding performance with minimal maintenance
- Water pressure gauge eliminates guessing, reduces set-up time and helps with troubleshooting
- Dilution ratio controlled with precision metering tips
- Draws chemical concentrate from any sized container
- Choice of left or right side water inlet
- Choice of flow rates for filling small to large containers
  - Please specify the flow rate when ordering
  - Low Flow (**LF**) or High Flow (**HF**)
- Certified to ASSE Standard 1055 for backflow prevention
- Available with a polypropylene injector (#985100)
- See Lafferty chemical management systems in Catalog 9

Includes

- Stainless steel mounting bracket
- Activation ball valve
- Stainless steel injector body
- Kalrez chemical check valve
- Integrated brass hose connection vacuum breaker
- Easy-to-read water pressure gauge for accurate tip selection
- 20 color-coded precision metering tips to set dilution ratios
- Polyurethane chemical pick-up and discharge tubes
- 6' chemical suction tube with strainer
- 6' open flow discharge tube



OPTIONS

Stainless Steel Jug Racks	
1 Gallon Round/Square	# 224200
1 Gallon Round/Square Locking	# 224200-L
2 ½ Gallon (8 ½" x 10 ½")	# 224210
5 Gallon Round/Square Locking (12" x 12")	# 224214
5 Gallon Round/Square (12" x 12")	# 224215
Safe Flow Lid™ for 1 Gallon Jugs	
Lid, Suction Tube, and Strainer	# 709101
Alternate Check Valve - Kalrez Standard	
Check Valve, Chemical, SS, EPDM, 1/4"	# 491324
Check Valve, Chemical, SS, Viton, 1/4"	# 491324-V
Jumper Hose with GH Fittings (10')	
GH Hose, Blue, 1/2" x 10'	# 804410B

Red, Blue, Green & Yellow Ball Valve Handles

413511RED, 413511BLU, 413511GRN, 413511YLW

REQUIREMENTS

Chemical Concentrate

Water	
Temperature	up to 160°F
Pressure	25-125 PSI
Supply Line	1/2" Minimum
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

- Solvents
- Food & Beverage
- Industrial
- Pharm/Bio
- And Many Other Applications!

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