

# 1-Way Ball Valve Mixing Station

MODEL # MAD 985100

## OVERVIEW

The 1-Way Ball Valve Mixing Station is a chemical proportioner for accurately diluting a chemical concentrate to the required ratio and for filling any sized container with diluted, ready-to-use chemical solution. This venturi injection system uses city water pressure (25 - 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. Available with several flow rates to dispense into any sized container or equipment.

## Key Features

- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Ball valve activation allows for hands-free dispensing
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Industrial-strength design holds up in tough environments
- 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
- Mixing stations can be plumbed in series
- Choice of flow rates for filling small to large containers
  - Please specify the flow rate when ordering
  - Bottle Fill (BF), Low Flow (LF), High Flow (HF)

## Includes

- Stainless steel mounting bracket
- Activation ball valve
- Polypropylene injector body
- Integrated brass back-flow preventer
- Easy-to-read water pressure gauge for accurate tip selection
- 20 color-coded metering tips for setting dilution ratios

## 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 (12" x 12")	# 224215
5 Gallon Round Locking	# 224216

### Safe Flow Lid™ for 1 Gallon Jugs

Lid, Suction Tube, and Strainer	# 709101
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### Alternate Chemical Check Valve - EPDM Standard

Check Valve, Chemical, PP, 1/4" (Viton)	# 491402
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## APPLICATIONS

- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Dairy
- Food & Beverage
- Hatchery
- Industrial
- Janitorial/Sanitation
- Metal Processing
- Pharm/Bio
- Supermarkets
- And Many Other Applications!



## REQUIREMENTS

### Chemical Concentrate

#### Water

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

#### Flow

High Flow (Black Injector)	4.0 - 7.3 GPM
Low Flow (White Injector)	1.9 - 3.4 GPM
Bottle Fill (Blue Injector)	0.6 - 1.0 GPM

#### Dilution Ratio Range @ 40 PSI

High Flow	1,031:1 to 4.8:1
Low Flow	480:1 to 3.5:1
Bottle Fill	142:1 to 1.7:1

