

2-Way Ball Valve Mixing Station

PART # SG 985200

OVERVIEW

The 2-Way Ball Valve Mixing Station is a chemical proportioner for accurately diluting 2 chemical concentrates to required ratios and filling any sized container with diluted, ready-to-use chemical solutions. 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 separate flow rates for each ball valve 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
- The dilution ratio for each valve is set independently
- Water pressure gauge eliminates guessing, reduces set-up time and helps with troubleshooting
- 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 for each valve when ordering
 - Bottle Fill (BF), Low Flow (LF), High Flow (HF)

Includes

- Stainless steel mounting bracket
- Activation ball valves
- 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

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|-------------------------------|------------|
| 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

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

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

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



REQUIREMENTS

Chemical Concentrate

Water

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

Flow

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|-----------------------------|---------------|
| 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

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|-------------|------------------|
| 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 |