

2-Way Hands-Free Mixing Station

MODEL # 985203

OVERVIEW

The 2-Way Hands-Free Mixing Station is a foot-lever-activated venturi chemical proportioner that accurately dilutes chemicals to the required ratios and dispenses into any size container. When one of the foot levers is depressed, this system uses city water pressure (25 - 125 PSI) to draw and blend chemical concentrate into the water stream. The dilution ratio for each valve is set using the included precision metering tips. Choose a factory-set flow rate for each ball valve at the time of order (Bottle Fill, Low Flow or High Flow).

Key Features

- Foot-lever activation allows for sanitary hands-free operation
- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- 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
- The dilution ratio for each valve is set independently
- Draws chemical concentrate from any sized container
- 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)
- Available without a foot lever (#985200)
- Available with a single foot lever (#985103)
- See Lafferty chemical management systems in [Catalog 9](#)

Includes

- Female garden hose adapter with screen
- (2) Stainless steel foot lever brackets with heavy-duty bronze actuation valves
- (2) Safety shutoff ball valves
- (2) Polypropylene injector bodies
- (2) Integrated brass vacuum breaker
- Easy-to-read water pressure gauge for accurate tip selection
- 20 color-coded metering tips for setting dilution ratios
- (2) 6' chemical suction tubes with strainer
- (2) Open flow discharge tubes (4.5' for LF/HF, 1' for BF)

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
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Alternate Chemical Check Valve - EPDM Standard

Check Valve, Chemical, PP, 1/4" (Viton)	# 491402
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Jumper Hose with GH Fittings (10')

GH Hose, Blue, 1/2" x 10'	# 804410B
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Red, Blue, Green & Yellow Ball Valve Handles

413511RED, 413511BLU, 413511GRN, 413511YLW

APPLICATIONS

- Agriculture/Horticulture
- Animal Health
- Vehicle Wash
- Hatchery
- Industrial
- Janitorial/Sanitation
- Metal Processing
- 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

