

# 1-Way Hands-Free Mixing Station

MODEL # 985103

## OVERVIEW

The 1-Way Hands-Free Mixing Station is a foot-lever-activated venturi chemical proportioner that accurately dilutes chemical to the required ratio and dispenses into any size container. When the foot lever is depressed, this system uses city water pressure (25 - 125 PSI) to draw and blend chemical concentrate into the water stream. The dilution ratio is set using the included precision metering tips. Choose a factory-set flow rate 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
- Dilution ratio controlled with precision metering tips
- 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 (#985100)
- Available with two valves and foot levers (#985203)
- See Lafferty chemical management systems in [Catalog 9](#)

## Includes

- Female garden hose adapter with screen
- Stainless steel foot lever bracket with heavy-duty bronze actuation valve
- Safety shutoff ball valve
- Polypropylene injector body
- Integrated brass vacuum breaker
- Easy-to-read water pressure gauge for accurate tip selection
- 20 color-coded metering tips for setting dilution ratios
- 6' chemical suction tube with strainer
- Open flow discharge tube (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   |

### Jumper Hose with GH Fittings (10')

|                           |           |
|---------------------------|-----------|
| GH Hose, Blue, 1/2" x 10' | # 804410B |
|---------------------------|-----------|

### Safe Flow Lid™ for 1 Gallon Jugs

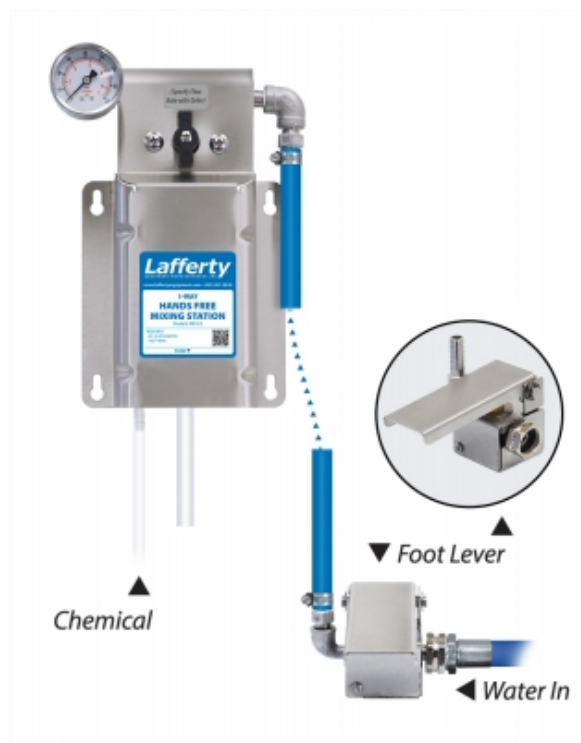
|                                 |          |
|---------------------------------|----------|
| Lid, Suction Tube, and Strainer | # 709101 |
|---------------------------------|----------|

### Alternate Chemical Check Valve - EPDM Standard

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

## APPLICATIONS

- Food Service
- Medical
- Animal Health
- Food & Beverage
- School Hygiene
- Industrial
- Janitorial/Sanitation
- 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   |

**Lafferty**  
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