Gemini™ High Flow Satellite Mixing Station

MODEL # 982185











OVERVIEW

The Gemini™ High Flow Satellite Mixing Station is a 7 GPM @ 40 PSI chemical proportioner that will simultaneously dilute and blend two chemical concentrates into one accurately diluted solution. When the air-activated water solenoid is opened by an Air Level Master (sold separately) this venturi injection system uses standard city water pressure (35 - 125 PSI) to draw and blend 2 chemical concentrates into the water stream independently so that the chemicals never mix until they are diluted. The ready-to-use solution is quickly dispensed into a paired Air Level Master Tank (sold separately) or a user-supplied tank. Use multiple Satellite Mixing Stations to refill the tank faster.

Key Features

- The unique Gemini™ "double venturi" injection system combines two completely separated venturis in one injector body to draw 2 chemical concentrates into the water stream independently so that the chemicals never mix until they are diluted
- Flow rate of 7 GPM @ 40 PSI
- Air-activated water solenoid opens when it receives a pilot signal from an Air Level Master (or other control device)
- Dispenses into a paired Air Level Master tank or any user-supplied tank
- Use multiple Satellite Mixing Stations to refill the tank faster and keep up with demand
- Eliminates manual mixing and optimizes chemical utilization, employee safety and labor efficiency
- Chemical resistant wetted components ensure years of outstanding performance with minimal maintenance
- Dilution ratios are controlled independently for each chemical using precision metering tips
- Draws chemical concentrate from any sized container
- Available for a single chemical (#985885)
- See other chemical management systems in Catalog 9

Includes

- Stainless steel mounting plate
- Air-activated water solenoid with 5/32" tube-lock fitting
- 10' of 5/32" airline tubing
- Machined polypropylene Gemini™ injector body
- Water pressure gauge
- 20 color-coded precision metering tips
- 15' open flow discharge hose



REQUIREMENTS

Chemical Concentrate

Water

Temperature	up to 160°F
Pressure	35 to 125 PSI
Flow	7 GPM @ 40 PSI
Supply Line	3/4"
Dilution Ratio Range	1,600:1 to 9:1 @ 40 PSI

OPTIONS

Air Level Master Options (Specify When Ordering)

For Paired Air Level Master Tanks	# 989402
For User-Supplied Tanks	# 989405, 989408

Air Level Master Tank Sizes (Specify When Ordering)

Tank, 20 Gallon (Single Satellite)	# 709180
Tank, 40 Gallon (Single Satellite)	# 709181
Tank, 40 Gallon (Double Satellite)	# 709184
Tank, 60 Gallon (Single Satellite)	# 709182
Tank, 60 Gallon (Double Satellite)	# 709185

Alternate Chemical Check Valve - Viton Standard

Check Valve, Chemical, PP(W), 1/4" (EPDM)	# 491401



APPLICATIONS

- Agriculture/Horticulture
- Animal Health
- Food & Beverage
- Hatchery
- Industrial
- Pharm/Bio
- And Many Other Applications!

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