Gemini Level Master™ With SS Bracket

MODEL # 989320







OVERVIEW

The Gemini Level Master™ with Stainless Steel Bracket is a water driven chemical proportioner that clamps to the rim of a user-supplied tank to blend 2 chemicals and automatically maintain a constant supply of ready-to-use solution. The unique Gemini™ "double venturi / double float" injection system combines two completely separated venturis in one injector body and uses city water pressure (35 - 100 PSI) to draw and blend two chemical concentrates into the water stream independently so that the chemicals never mix until they are diluted. The system activates when the solution in the tank drops below a pre-set level, replenishes at 2 GPM @ 40 PSI, and cycles continuously. A secondary fail-safe float prevents overfilling.

Key Features

- Stainless steel bracket clamps to a user-supplied tank (maximum 1-1/8" wall thickness to accommodate the width of the mount)
- Automatically maintains a pre-set level of ready-to-use chemical solution
- The industry-leading Gemini™ proportioner dilutes two chemical concentrates and blends them downstream so that the concentrates never come into direct contact
- Designed to withstand demanding operating environments and the aggressive nature of chlorine dioxide
- Dual magnetic float valve design includes a primary valve to regulate normal operation and a secondary fail-safe valve to shut off the system if the primary float valve malfunctions
- Unsinkable solid polypropylene floats suspended by rigid "push rods" ensure smooth operation and prevent the float valves from sticking in the open position
- Downstream check valve prevents back-flow of liquid or vapor into the float valves to eliminate the potential for damage to internal mechanisms
- Available for a paired dispensing tank (#989316)
- Available for a single chemical (#989308)
- See all of our Level Master™ configurations and other Lafferty chemical management systems in Catalog 9

Includes

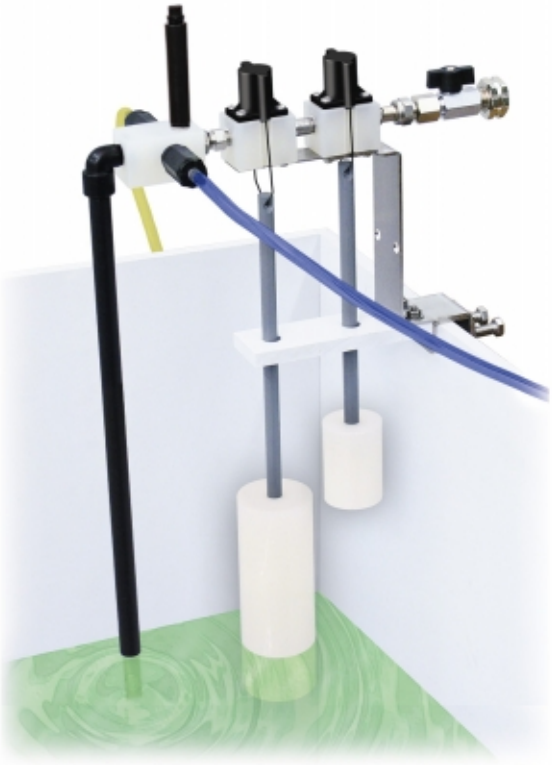
- Stainless steel mounting bracket
- Water supply inlet strainer
- Water supply shut-off ball valve
- Machined polypropylene Gemini™ injector body
- 2 magnetic float valves (primary and fail-safe) with solid polypropylene floats suspended by rigid CPVC push rods
- Stainless steel / Viton back-flow prevention check valve
- 20 color-coded metering tips to set dilution ratios

OPTIONS

Alternate Chemical Check Valve - Viton Standard

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

Drum & Tote Sticks Available



REQUIREMENTS

Chemical Concentrate

Water

Temperature	up to 160°F
Pressure	25 to 80 PSI
Flow	2 GPM @ 40 PSI
Supply Line	1/2"
Dilution Ratio Range	457:1 to 6:1 @ 40 PSI

APPLICATIONS

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

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