Gemini Level Master™ (No Tank)

MODEL # 989316











OVERVIEW

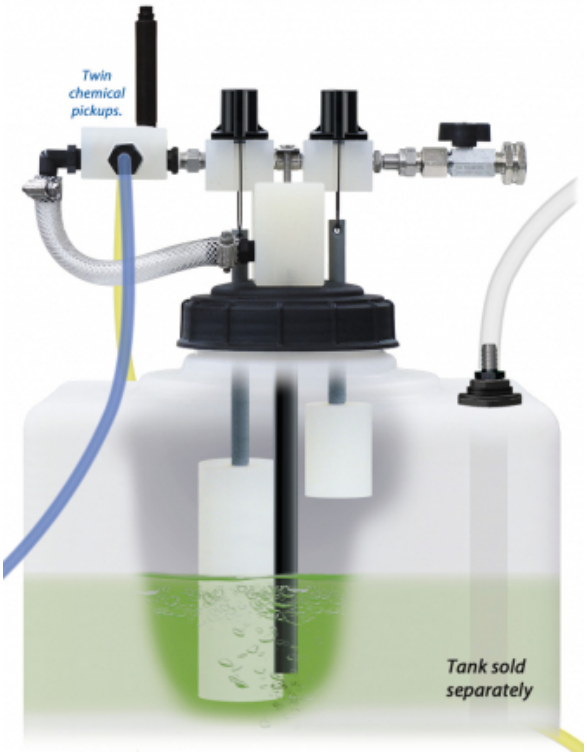
The Gemini Level Master™ is a water driven chemical proportioner that blends 2 chemicals and automatically maintains a constant supply of ready-to-use solution in a paired tank (sold separately). The unique Gemini™ "double venturi / double float" injection system combines two completely separated venturis 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

- Automatically maintains a pre-set level of ready-to-use chemical solution in a paired tank (sold separately, see options)
- 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
- Paired tanks are available in several sizes and include a rigid suction tube and hose barb(s) to facilitate dispensing
- See all of our Level Master™ configurations and other Lafferty chemical management systems in Catalog 9

Includes

- 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
- Lid for a paired tank (tank not included)



OPTIONS

Alternate Chemical Check Valve - Viton Standard	
Check Valve, Chemical, PP(W), 1/4" (EPDM)	# 491401
Level Master Tank Sizes (Specify When Ordering)	
7 Gallon	# 709170
16 Gallon	# 709171
20 Gallon	# 709172



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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