



GUARDIAN 1000

The Guardian 1000 is your ultimate solution for precise dosing and inventory control for MVP Biologics. The system is designed to optimally dose MVP Lead Off and MVP Switch that promote healthy generation and colonization of reclaim system biologics.

Hardware Components

SYSTEM CONTROL BOX

Includes user interface and 2 peristaltic pumps for precise dosing.

- Weight: 13.5 lbs
- Dimensions: 14"W x 14"H x 9.5"D
- 110V power
- Wired Ethernet or WiFi connection (2.4 GHz WiFi required)



SONAR-ENABLED INVENTORY TANKS

Holds 10 gallons of product each and includes volumetric calibration tool, sonar for inventory measurement and bracket for wall mounting.

- Weight (per tank empty weight): 13.9 lbs
- Dimensions: 11.5"W x 21"H x 17.5"D
- Sonar cable connects tank to System Control Box



PRICING AVAILABLE UPON REQUEST

Subscription Levels Include:

Standard \$50/mo

- SMS/Text Alerts
- Email Notifications

PRO \$100/mo

- Standard subscription features
- Dashboard for Remote Management



FluidDynamics
FLUID MANAGEMENT & CONTROL SYSTEMS

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Key Features

1.

DOSING CAPABILITY

- Effortlessly manage dosing for 2 products simultaneously in 'set-it-and-forget-it' mode.
- Customize dosing parameters by specifying the following:
 - Amount to dose (in mL)
 - Interval that the dose should occur

2.

INVENTORY CONTROL

System includes two high-tech inventory tanks for storing product and real-time sonar measurement of tank contents for reporting accuracy.

- Sonar-enabled inventory tanks provide accurate inventory and alerts to ensure:
 - System never runs out of product AND
 - Expected dose is being delivered by the system.
- Equipped with patented volumetric measurement capability and software-driven calibration tools to ensure accurate dosing occurs every time.

3.

SYSTEM ALERTS

Stay informed with configurable alerts that can be sent via email or SMS/text messages. Built in system alerts include:

- Inventory Alert when tank inventory falls below a specific set point.
- Continuous Flow Alert if tank levels are changing when they shouldn't be, possibly indicating a leak in the system.
- Usage Deviation Alert if actual usage is significantly off from expected usage.

4.

REPORTING CAPABILITIES

Generate and receive detailed reports at specified intervals (daily, weekly, monthly) such as:

- Daily Usage Reports
- Inventory Levels Reports

5.

REMOTE MANAGEMENT*

Capability for remote management to devices in a multi-site environment.

- View real time configuration for units online in the environment.
- Ability to push configuration change to specific device(s) for remote updates.

