



IMS Cloud Based Acid Injection System.™

Access / log / monitor and change acid injection amounts based on web/cloud based sensor. Anytime, anywhere monitoring and control using your laptop, desktop, tablet or mobile phone. The IMS Cloud based acid injection system allows for user defined target pH. The controller adjusts the injection rate of the acid pump using information provided by the flow meter and pH sensor to maintain the appropriate pH level.

IMS Cloud Based Acid Injection System may be used as a standalone application or as a component of a more integrated online irrigation system.

Components

- Electric Pump (8-20 gallons per hour)
- pH transducer
- pH monitor
- Flow meter
- Electronic controller
- IMS Vapor (gateway to the Cloud)

Remote Access

- Current pH levels
- Target pH level
- Average pH level
- % Pump operation
- Water flow rate
- Historical pH readings

Alerts via Text and E-mail

- High / Low pH readings
- High / Low flow



Get Status

pH High Pump
 pH Low

Parameter	Value	Unit	Details
Target pH	5.8	pH	
Average pH	6.2	pH	
Pump Duty Cycle	100	%	
Flow Rate	333	GPM	
Water Today	3	Gallon	
Water Total	3	Gallon	

Two circular gauges are shown below the table: a pH gauge with a needle pointing to approximately 6.2, and a GPM gauge with a needle pointing to 333.

