



Product Bulletin

Irrigation Chemical Injection and Monitoring System



- pH Control & Fertigation Applications
 - New IntelliDose Controller Technology
 - Improved Sensor Response
 - Multiple pH Set Point Flexibility
 - Remote Control Capability
 - Proven Reliable Components
 - VFD Controller / Motor
-

Introducing G2, the newest generation and most advanced dual programmable chemical injection station. From conception to proven field performance, the G2 offers golf course superintendents a world of state of the art capabilities.

This second generation of leading edge technology combines proven time tested design and the new IntelliDose Controller system. With an emphasis on ease of operation and outstanding programming flexibility, the G2 gives turf professionals the ability to fully integrate chemical injection into any turf management program.

The G2 system incorporates corrosion resistant stainless steel Alloy 20 pump components and Prime Turf's own patented injection lance. True VFD technology drives the output of the controller unit. This combination of control and monitoring guarantees that each customer's investment is maximized and the benefits of all programs are fully realized.

Offering a perfect balance of performance and programming ease, the G2 is capable of operating multiple independent automatic schedules. Each schedule can have independent pH set points, start times and days per week selections. Additional features include, automatic probe cleaning function, alarm lockouts, and a remote activation feature which integrates the unit into existing irrigation control systems.

*The G2 by Prime Turf.
The right choice for performance and reliability every time.*





INTELLIDOSE



PROGRAMMABLE CHEMICAL MANAGEMENT CONTROLLER

EASY

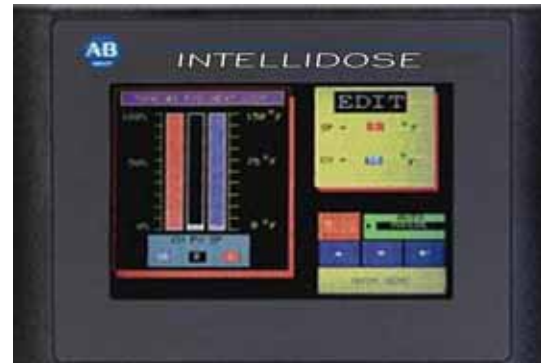
The station's operator interface is a user friendly programmable logic controller with a flat panel full color, touch pad screen. All menus are displayed in easy to read digital format and sequential graphics.

ENHANCED

The G2 incorporates an Allen Bradley MicroLogix 1200 packaged controller. This package integrates a high speed processor, power supply and embedded inputs and outputs in a firmware format. This provides state-of-the-art functionality with a space saving footprint.



IntelliDose Logic combines advanced *Demand Based Control* and *Customized Distance From Set-Point Logic*. This new level of sophistication brings the tightest control possible to a wide variety of chemical feed programs. This magnitude of control improves results and optimizes overall program costs.



Touch Screen Control Center

Memory modules hold multiple programs to maximize flexibility and optimize the pHairway® Program. The Real - Time clock capabilities permits scheduling of multiple events and treatment options for both Water Treatment and Fertigation. Eight separate liquid chemical programs can be fully integrated and operated independently.

Users can select unique pH set points for greens, tees, fairways and roughs and even select times and set points for weekly flushing events.

The advanced communication options allow for networking and future integration into irrigation control and operating systems. The G2 unit can be activated remotely and controlled by an existing irrigation satellite station.

EXPANDABLE

The flash upgradeable operating system makes it easy to upgrade the operating system without adding costly hardware. This is ideal for cost containment in the rapidly changing environment of operating systems and assures the user access to the latest upgrades at a minimal cost.

Designed to keep pace with the ever-changing turf water irrigation systems, the system can expand up to 136 I/O. Making the modems, wireless control, additional alarms, data logging, printing and remote control options an easy, on-site upgrade.