

## Product Bulletin



# V77 " Plug n Play" pH Control & Monitoring Station



- ◆ Proprietary Control Technology Optimizes Treatment
- ◆ One Touch pH Adjustment Calibration
- ◆ Easy to Read Digital Display
- ◆ Accurate Feeding of Product
- ◆ Proven Reliability & Durability
- ◆ "Plug and Play" replacement for serviceability
- ◆ One Year Warranty
- ◆ Programmable Automatic Scheduling
- ◆ Built in Alarm Controls-Low pH

The Prime Turf Series V77 System is the latest version in standard baseline pH control. It replaces our prior generation PT 900 systems to include enhancements to software increasing features and benefits to prior models. The complete system can be started up, calibrated, and operated with the ease of one touch control panel. A high speed microprocessor accurately manages the dosage rate while a real time pH value is displayed on a digital LED readout.

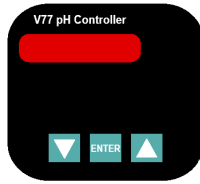
Bicarbonate reduction and pH control has never been easier or more cost efficient.

The station is a compact (43"x18"x15") stainless steel skid mounted system to accurately maintain the pH of irrigation water automatically. New features include a Programmable 7 day timer offering flexible scheduling to further optimize product control and usages.

The Series V77 system incorporates corrosion resistant PVC or Alloy 20 pumps in all wetted areas and Prime Turf's own patented injection lance technology. The commitment to quality guarantees each customer's investment is maximized and the benefits of the injection program are fully realized.

***The V77 system assures users they will only feed what they need.***

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## Series V77 pH Control and Monitoring Station



### Microprocessor Controller

- ◆ Single Touch Pad Interface
- ◆ Set Point Selection and Calibration
- ◆ Simple Menu Navigation
- ◆ Fail Safe Event Protection
- ◆ Alarm Status Display
- ◆ Programmable Schedules
- ◆ Flow switch or Hardwire driven
- ◆ Digital LED Status Display
- ◆ Chemical use recorded

### System Function Control Box

- ◆ Main Power On/Off Switch
- ◆ NEMA 4X Electrical Enclosure
- ◆ 120 VAC Single Phase 60Hz.
- ◆ 24V Remote Control Input
- ◆ Solid State Surge Protection

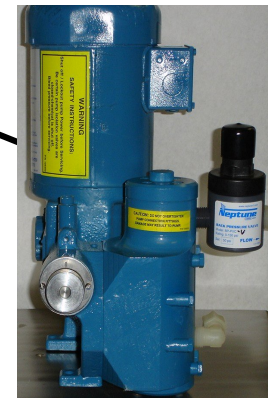


### Sensing Cell

- ◆ Patented Sample Flow Cell
- ◆ Non-Laminar Sensor Environment
- ◆ Heavy Duty pH Sensor
- ◆ See Thru Inspection Face-Plate
- ◆ Sample Port
- ◆ Positive Pressure Gauge

### Flow Control Assembly (back of unit)

- ◆ Flow Control Solenoid
- ◆ Adjustable Pressure Regulator



### Chemical Feed Pump

- ◆ Heavy Duty—AC Motor Driven
- ◆ 18 GPH Output Capacity
- ◆ Adjustable Stroke Positioner
- ◆ Alloy 20/PVC Wetted Parts
- ◆ 150 PSI Output
- ◆ Back Pressure Safety Valve
- ◆ Priming/Bleeder Port
- ◆ Mobile Stainless Steel Frame