



PH CONTROL SYSTEM

pH Control Systems monitor and control the pH in your system to ensure compliance with discharge permits. Based on measurements, the system will control the addition of neutralizing agents to maintain pH within certain acceptable limits.

BASIC SYSTEM

- pH analyzer is expandable for additional inputs and outputs without changing base unit
- pH analyzer can log up to 20,000 data points per sensor, transferrable to PC via an SD card
- pH electrode design utilizes quick change cartridge for easy electrode replacement without re-wiring or change in mounting hardware.
- Two high quality microprocessor controlled chemical metering pumps with built in multi-function valves. Adjustable discharge pressure control reduces pulsation and extends pump life.
- Metering pump containment enclosure provides 360° protection from possible leaks at the pump and discharge line connection, with built in mini containment sump – can be drained back to source or other vessel. Window allows operator to check on pump without opening enclosure.
- Instrument enclosure rated for wash down environments, with instruments viewable through window without opening enclosure
- Frame and instrument enclosure constructed of stainless steel
- System designed to locate next to standard 55-gallon chemical drum with drum containment.
- Small footprint

TWO-CHANNEL MONITORING OPTION

- Allows for second pH monitoring point
- Second point can be logged and also configured for alarm output if desired

ALARM OPTION

- Light and horn warning system with alarm points programmed from pH analyzer can alert operator of high or low limits and avoid non-compliance issues.
- Pushbutton alarm acknowledgement installed on front of instrument enclosure.

FLOW MONITORING OPTION

- Monitor process flow in pipe
- No moving parts to jam or wear out
- Display provides instantaneous flow rate and flow totalizer
- Sensor easily removable for cleaning or service

DATA LOGGING OPTION

- Greatly expands data logging capability of base pH analyzer
- Can log pH as well as flow and other parameters as needed
- 5.7" color display viewable in digital, bar graph or curve displays – up to 4 groups
- Up to 4 inputs
- Configurable alarm output with up to 30 alarm limit points
- Access data storage via USB, serial, Ethernet, and embedded web server for real-time viewing
- Two software programs for remote configuration and data management – export to spreadsheet

ENVIROGEN TECHNOLOGIES, INC
2627 CHESTNUT RIDGE RD, SUITE 260
KINGWOOD, TX 77339

TEL +1 877.312.8950
E: info@envirogen.com
www.envirogen.com