

BIOS-02 Recirculating System

BIOS-02 is a microprocessor based monitoring and control system that features full automation of wash water disinfection. It uses built-in ORP and pH based controls, built-in simple visual alarm, high performance sensors, IP67 rated waterproof chemical metering pumps, and data recording option.

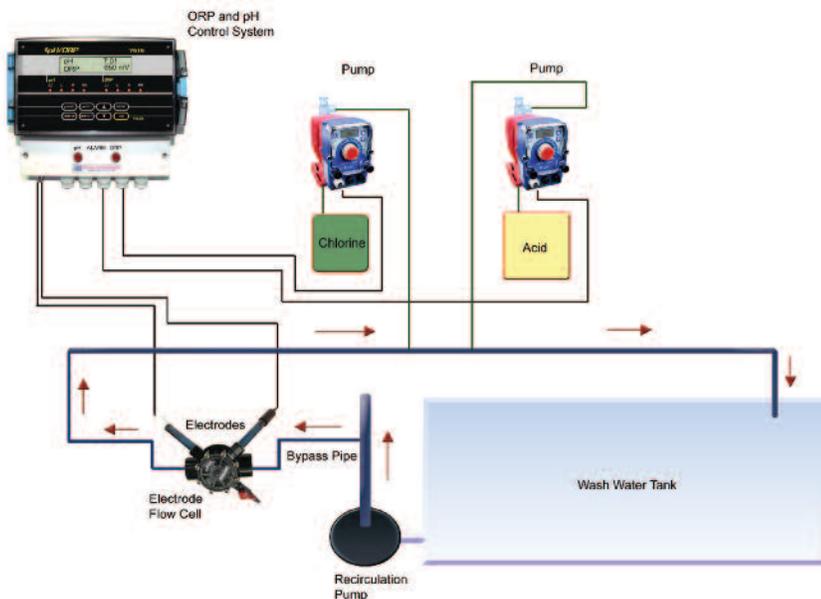
Sanitizer and Acid Control:

ORP and pH monitoring and control system with a large digital LCD display is designed specifically for wash water disinfection. Simply set your ORP and pH control set points. Whenever the water ORP value goes below the set point, it automatically turns ON the sanitizer pump or valve (chlorine, chlorine dioxide, ozone, peroxy acetic acid POAA or any other oxidizer), and turns it OFF when it reaches the desired setting. Similarly, set your pH set point value, and whenever the value goes above the set point, it will turn ON an acid pump or valve and bring down the pH to the set point value and shut OFF.

A flow switch activates the control function, so the control system only functions if there is water flow in the process.

Alarm:

An alarm condition occurs if the high or low alarm set point limit is crossed. Simple pilot light indicator on the LCD screen, or an optional external audio and visual strobe light alarm system alerts the operator in the event of a chemical or process failure.



Includes:

ORP and pH control panel with (2) 4-20mA outputs, Electrodes for ORP and pH with a flow cell, two chemical metering pumps and a sensor manifold with a flow switch.

Optional:

External Alarm with audio and visual strobe light, USB Data Recorder or WebAlert™ Data recorder.

Ordering Information

BIOS-02	ORP & pH Control system with electrodes, manifold, and 2 chemical metering pumps 6.7gph	\$4,520.00
DL-USB-4	USB Datalogger and recorder with software for graphs, charts and reports	\$250.00
DL011	WebAlert™ Datalogging with web based remote monitoring	\$1,950.00
ALAUDIO-02	Strobe and Audio Alarm Box	\$550.00