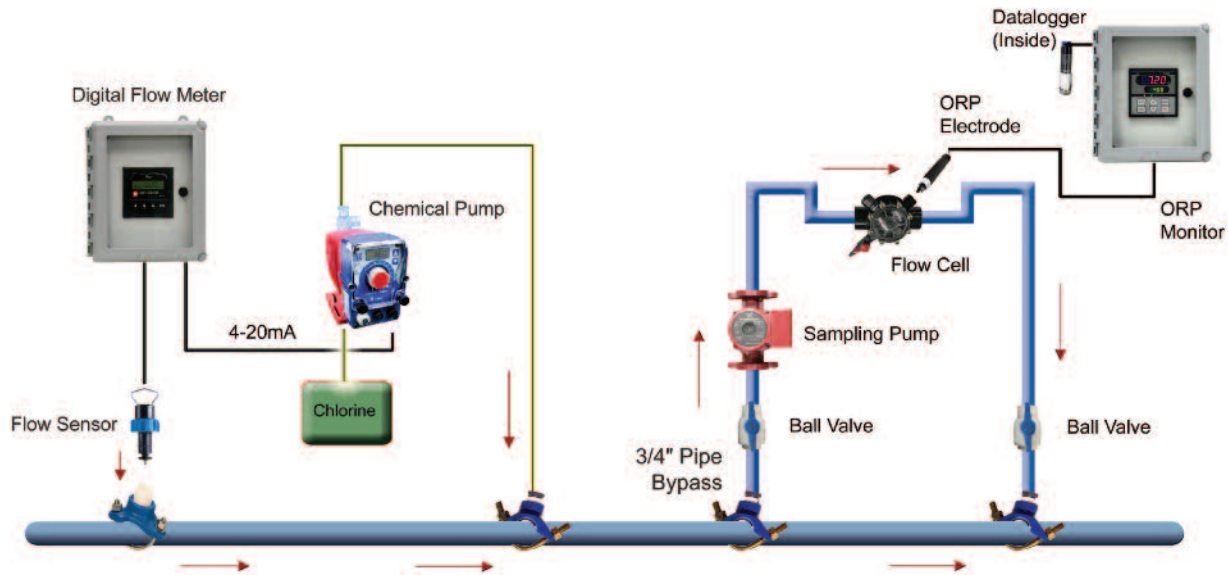


BIOS-01 Single Pass System

In-line Chemical Injection Proportional to Flow Rate

BIOS-01 may be used in single pass water systems such as rinse water, spray wash, irrigation water or any non-recirculated water system, where demand based feedback or tank is not present for treatment. The BIOS-01 is designed to automatically inject chemical proportional to the flow rate. A digital flow meter may be connected to a digital metering pump that accepts an analog or pulse proportional signal and is used to inject liquids such as chemicals, sanitizers or fertilizers at a rate proportional to the flow rate.

The faster the flow, the faster the chemical injection, thereby maintaining a constant ratio of chemical to water. The digital flow meter is wall mounted with a digital readout of the flow rate, a re-settable totalizer, and a permanent totalizer. It has two relays for alarm or contact control, and analog and pulse output. The pulse output may be configured to send a selectable number of pulses per gallon. More favored and versatile is to use the 4-20mA proportional analog signal, that may be easily set to a range of desired flow rates. The chemical metering pump accepts a 4-20 mA signal and may also be user scaled to a desired injection output.



Ordering Information

BIOS-01A	Flow Based Injection System	\$1,900.00
BIOS-01B	Flow Based Injection System with Flow Monitoring	\$2,700.00
BIOS-01C	Flow Based Injection System with Flow and ORP Monitoring	\$4,400.00
BIOS-01D	Flow Based Injection System with Flow and pH Monitoring	\$4,400.00
BIOS-01E	Flow Based Injection System with Flow and Chlorine Monitoring	\$4,900.00
BIOS-01F	Flow Based Injection System with Flow and Chlorine Dioxide Monitoring	\$4,900.00
BIOS-01G	Flow Based Injection System with Flow and Peracetic Acid Monitoring	\$7,300.00
BIOS-01H	Flow Based Injection System with Flow, pH and ORP Monitoring	\$5,800.00

All prices assume 1" PVC pipe

Prices subject to change depending on pipe size and material

Various pipe sizes and materials are available to choose from, please specify at the time of ordering