

Aqualogic[®] Inc.

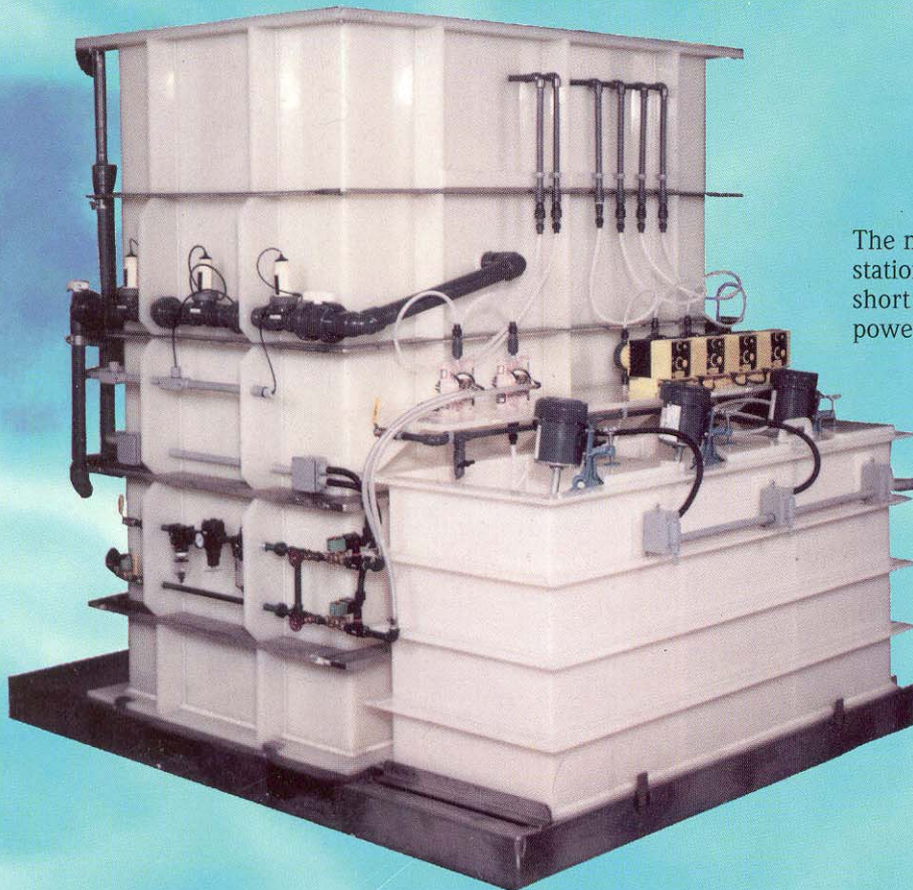
Batch Treatment

Automated Batch Treatment Systems

Aqualogic ABS automatic batch systems are designed to treat fixed volumes from such sources as spent acids and cleaners, concentrates from evaporators and drag-out tanks, and wastestreams from ion-exchange regeneration. Modules are supplied in three standard sizes of 1,000 gal, 1,500 gal, and 2,000 gal. The ABS will treat the combinations of strong wastes and rinse water for heavy metals, cyanides, hexavalent chrome, oils and greases. Treated effluent can be evaporated, or discharged according to local/federal regulatory requirements and permits.

The fully automated ABS module is equipped with an addressable PLC programmed to control fill, circulation, treatment additions, and dewatering functions. A modem is standard, and allows direct connection to Aqualogic's engineering and laboratory staff for on-line troubleshooting.

The unit is constructed of 3/4" polypropylene on a stainless steel base. Solution is circulated with an air driven diaphragm pump, with sensors mounted in-line for ease of cleaning and calibration. A filter press is included in the standard package with the acid/alkali treatment systems.



The modular package including chemical pumps and prep stations is completely assembled and tested requiring a very short installation time. The system requires only 110 vac power to operate.

Aqualogic ABS automatic batch systems are being used to treat concentrated metal-specific waste streams to recover valuable metals, such as silver, nickel, and copper, by producing metal rich hydroxides that are sold for their recoverable metal content.