

Aqualogic[®] Inc.

Recovery Cells

Aeros Electrolytic Recovery Cells

Electrolytic Recovery (Aqualogic Electrolytic Recovery Operating System.) recovers metals from drag-out rinses by plating them onto disposable or reusable cathodes. Aeros Cells are tightly packed plating cells with dedicated rectifiers using insoluble anodes in place of the sacrificial anodes found in plating baths.

Most commonly used for recovering precious metals and copper, which readily plate out of dilute rinse solutions to low concentrations, typical electrolytic recovery cells are less effective at recovering other common metals such as nickel and zinc which require higher chemical concentrations before they will deposit.

However, when used with Aqualogic's Evaporator System the Aqualogic Aeros Cell removes metals with much greater efficiency, since it plates from waste solutions continuously concentrated by evaporation to near bath strength.

The Aeros Cell is a self contained unit including CPVC plating chamber with an insoluble anode of platinized titanium, disposable cathode, rectifier, and circulating pump. Removal capacities up to several lbs. per day are possible, depending on the metal species and concentration.

Flow-Through Systems

Aqualogic Flow-Through Systems

Designed for higher flow rates of wastewater not amenable to recovery, from 10 gpm to 450 gpm, Aqualogic's flow-through treatment systems have been meeting stringent discharge requirements for 30 years. The performance and reliability of Aqualogic systems have been the envy of the industry.

Turnkey systems include treatment for cleaner and acid concentrates, equalization, cyanide and chrome treatment, neutralization, sludge removal and dewatering, and final pH polish where required. PLC driven control panels include modems for direct PLC contact by our engineering and laboratory staff when operating questions arise.

All systems are provided with performance warranties based upon your permit requirements. Start-up includes analysis of effluent by our laboratory to verify results or adjust treatment dosages to assure compliance.



Packaged 50 Gallon per Minute Flow Through System

Represented by:

Or contact:

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