

IonnetX

Electrowinning Metals Recovery System

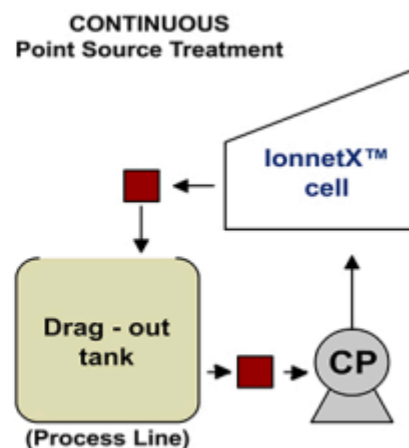
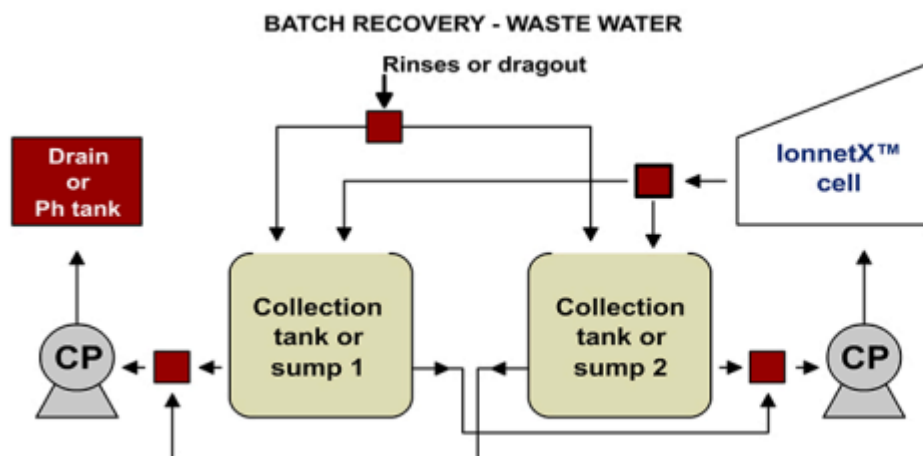
The IonnetX is an upgraded version of the Ionnet, designed for larger operations.

Each IonnetX system contains the same type of anode/cathode plates as the Ionnet system but with 10 chambers instead of 5. The IonnetX also features sealed individual fuse boxes on each chamber and a plastisol-encased bus bar.

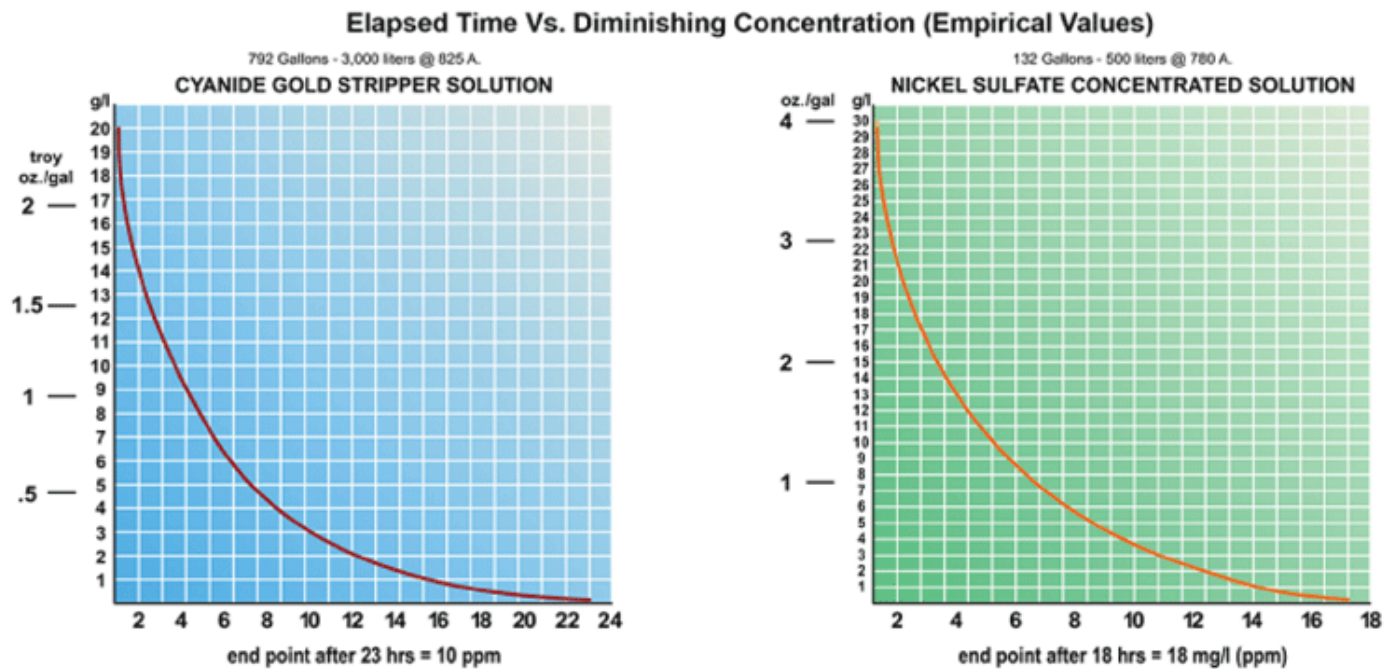


The IonnetX can be used to remove and recycle metals in the following ways:

- A batch basis from a spent plating bath or other metal-bearing solution
- A continuous basis from a primary drag-out rinse in order to obviate the need for precipitation or ion-exchange
- A batch basis to recycle ion-exchange regenerant



The IonnetX system is designed to provide optimal conditions for achieving a plating rate as close as possible to the theoretical limit at various concentration levels. This theoretical limit is based on the "electrochemical equivalence" of a specific element. The IonnetX can achieve full efficiency at concentrations above 1gm/L at high amperage, while at low concentrations, it maintains the solution metal concentration below current environmental discharge limits.



The IonnetX™ is modular and can be configured in parallel operation to double, triple, and so on, the recovery rate. Regardless of your recovery needs for heavy or precious metals, we can design the system for you.

PMPC

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