

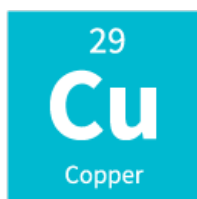
## Omega | Advanced Metals Recovery Systems

ElectraMet Omega Systems execute bulk metal ion removal from concentrated streams to optimize economics. Omega systems increase current efficiencies over traditional electrowinning while also reducing recovery complexity and staffing. Smart design eliminates labor issues associated with plate/frame and traditional tubular electrowinning systems.

ElectraLink® provides real-time insights into removal efficiencies and effluent concentrations to ensure downstream processes operate as designed. Omega systems operate across a spectrum of applications where dissolved copper or silver concentrations exceed 5 g/L. Omega's advanced technology enables efficient recovery and removal of the targeted metal while eliminating traditional failure modes associated with overheating, removal inefficiencies, and excessive maintenance.

Turn your challenges into advantages by learning how Omega can transform circularity at your site.

### Metals Extraction & Recovery



Parameter	Specifications
Power	120 - 480 VAC, 1 - 3 Phase
Pressure	2 - 45 psig
Automation	Fully automated with manual metal retrieval
Operation	Flow control
Data Monitoring	Voltage, current, flow, pressure, others
Integration	Agnostic to SCADA/BMS systems
System Flow Rate	0.1 gallons/hour to 1600 gallons/hour
Removal: Cu <sup>2+</sup> , Ag <sup>+</sup>	>200 g/L removed to <3 g/L pending efficiencies
Waste Generation	None
Selectivity	Up to 100%, depending on feed stream characteristics

### Target Markets

Mine Tailings & Remediation

Microelectronics

Surface Finishing

Electronics

Defense

Aerospace

Automotive