

## > Metal Finishing

- Continuous Purification for Process Line Solutions
- Trivalent Chrome Plating Solution Purification
- Trivalent Chromate Solution Purification
- Nickel Plating Solution Purification
- Acid Bath Purification



## Continuously Remove Heavy Metal Contaminants From Your Process

**KONTEK KC Series** technology is developed in conjunction with the proprietary manufacturer of your process solution.

Utilizing selective chelating resin, the **KC Series** System removes only the undesired heavy metal contaminants from your process solution bath, including unwanted copper, nickel, zinc and iron.

Your valuable process solution is kept entirely intact for plating, guaranteeing finish and colour consistency.

**An ISO 9001 Company**  
**Established 1980**

Kontek Ecology Systems Inc.  
3250 Harvester Road, Unit 1  
Burlington, Ontario, Canada L7N 3W9

**Ph: 877.332.8366**  
**Fax: 905.332.8367**  
sales@kontekecology.com

**[www.kontekwater.com](http://www.kontekwater.com)**

Your process chemical solution is pumped into the **KC-Series** filter chamber to remove harmful suspended solids.

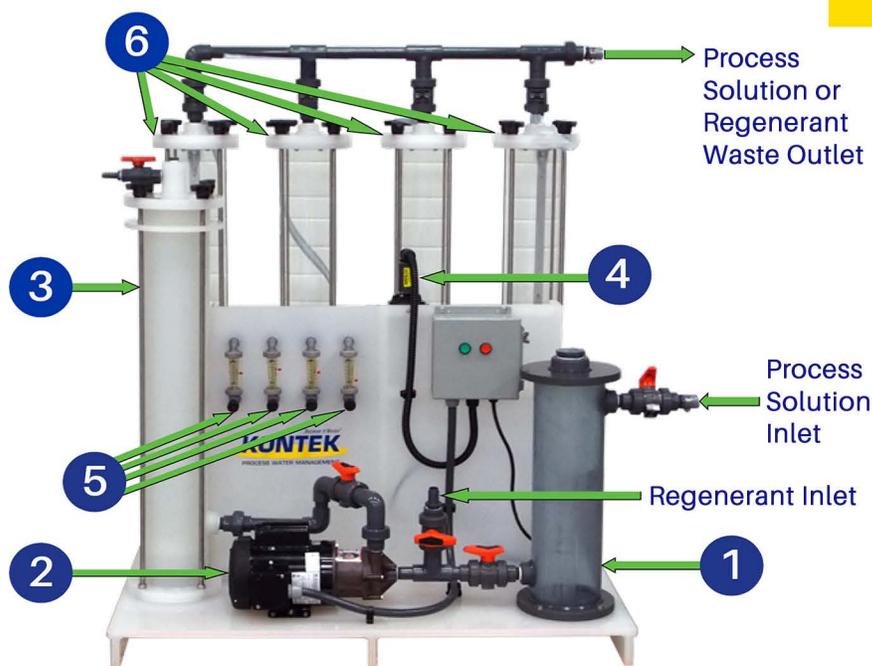
The solution progresses through flow meters, and into resin columns, where selective resins remove specific undesired tramp metals. Once purified, your treated process solution is returned to the plating bath.

The **KC-Series** system runs continuously online, which eliminates the need for expensive bath maintenance or replacement of chemicals in the tank.

## Features and Benefits

- Reduces process solution contamination to enhance coating performance and prevent discoloration
- Selectively targets only undesired contaminant metals
- Continuously purifies your process solution chemistry
- Extends the lifespan of your process solution chemistry

## KONTEK KC-SERIES



1. Priming chamber to provide the pump with flooded suction
2. Magnetic-coupled pump continuously recirculates process solution through the filter and resin columns, and for delivery of regeneration chemicals when regeneration of the resin is required
3. Filter to prevent suspended solids fouling of the resins
4. Presure sensor for run-dry pump protection
5. Flow meters control flow to each column, for accurate transfer of process or regeneration solutions through the resin bed in each column
6. Proprietary designed resin columns ensure maximum performance of the resins

## The Complete System

The **KONTEK KC-Series** Systems are available in a multitude of capacities and configurations to suit your specific needs.

