

ACID RECOVERY SYSTEMS MODEL ECOARS

Designed to purify anodic oxidation baths



APPLICATIONS

Anodic oxidation
Acid solution

OPERATING PRINCIPLE

The ECOARS equipment is specifically designed by Ecoteam to separate the acid from its salt, through a chromatographic separation process.

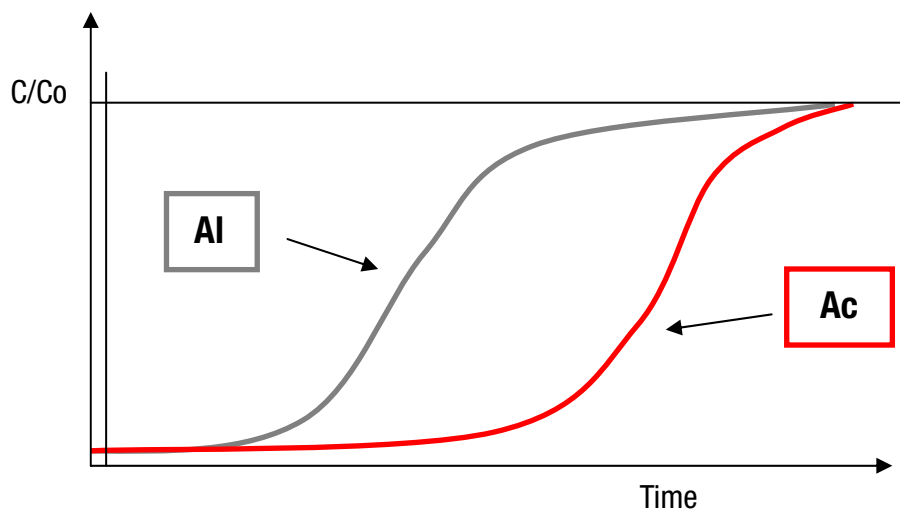
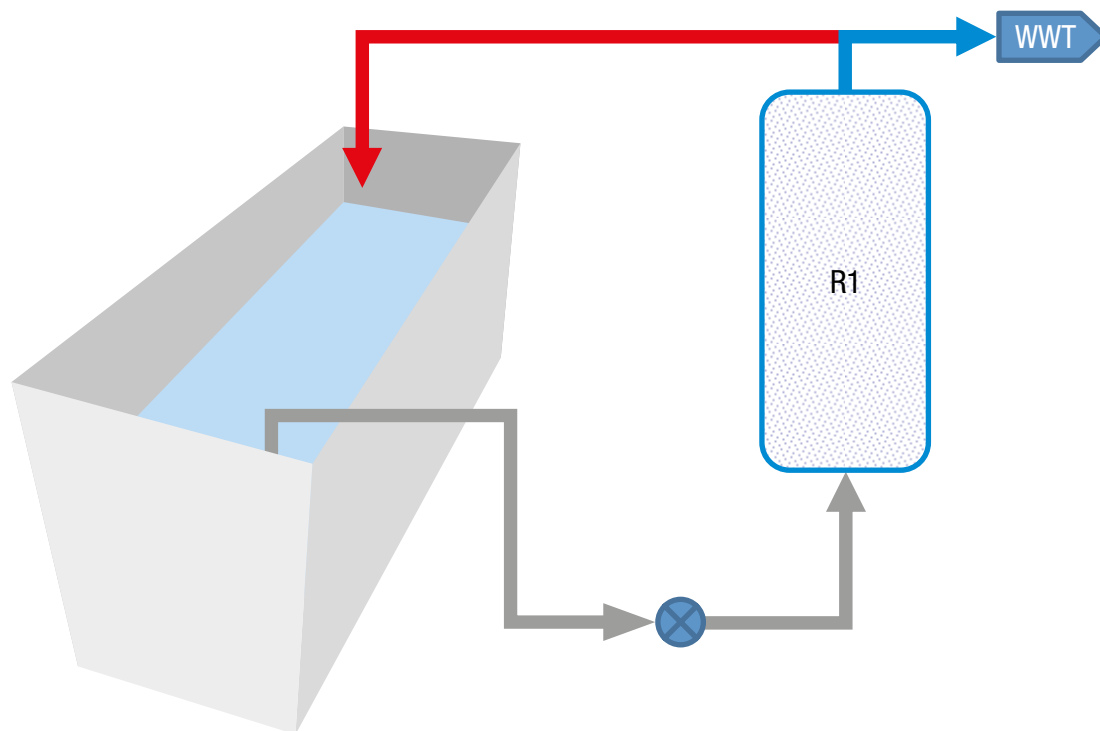
In the anodic oxidation processes of the Aluminium allows to eliminate the Aluminium from the baths with Sulphuric acid.

ADVANTAGES

The use of an ECOARS system in the Anodic Oxidation processes allows to:

- Keep the Aluminium at a constant concentration
- Eliminate production stops due to the emptying of the Oxidation baths
- Increase the production processes particularly the electro-colour
- Reduce the consumption of electric energy
- Reduce the heat production
- Reduce the Sulphuric acid consumption
- Reduce pollution problems
- Reduce the sludge production
- Ridurre i problemi nell'impianto di depurazione
- Ridurre la quantità di fango prodotta dall'impianto di depurazione

ECOARS	180	300	450
Aluminium remove [g/hr Al]	1.500	3.000	4.500
Discharge volume [l/cycle]	300	500	800
Electrical power [kWatt]	0,5	0,5	0,5
Tension [V]	220	220	220
Water pressure [bar]	3	3	3



OPTIONS

- Control cycle system
- Operator panel with touch screen
- Stain steel structure
- Internet connection
- Ethernet connection

