

CarboJet 300 Semi-Automatic Sodium Carbonate Removal System for Various Liquids Through Freezing

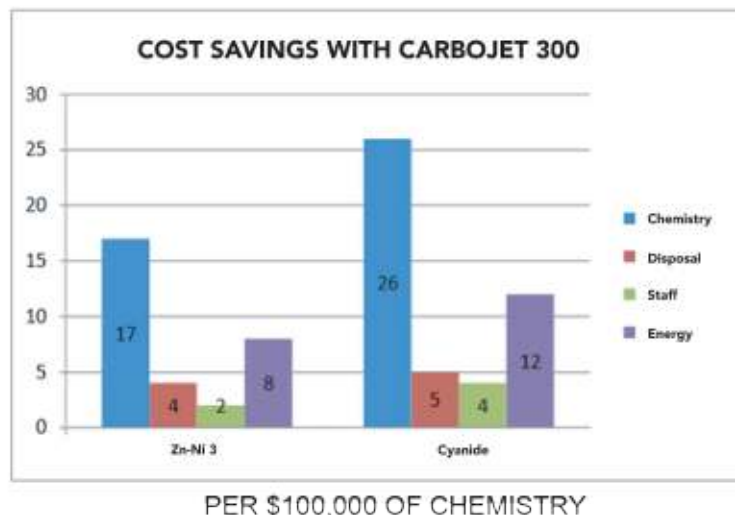
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CECO ENVIRONMENTAL offers the Tecga CarboJet 300 for high-efficiency and high quality sodium carbonate removal systems. As one of the leading products available for sodium carbonate removal, there are a number of benefits that come with using the CarboJet 300:

1. Up to 330 lbs of carbonate can be removed in 24 hours
2. Improved product quality and consistency by eliminating staining, roughness and inconsistent thicknesses associated with high carbonate levels
3. Cost Savings
 - a. Extended bath life decreases the down time needed for chemical change out and the cost of fresh chemistry
 - b. Reduced electrical costs with less heat due to operating at a lower temperature and reduced electrical current in the bath





1. Light Tower
2. Filling nozzle
3. Setscrew for pump
4. Submersible pump return line
5. Scraper (not shown)
6. Filter bag
7. PP - Collection tray
8. Perforated drip container
9. PP - Cover
10. Inspection hole
11. Drainage cock
12. Temperature controller
13. On/Off switch
14. Indicator Light

General Information

The CarboJet is used to crystallize sodium carbonate out of electroplating baths.

Functional Description

- Semi-automatic
- Manual filling and level monitoring by staff operating the filling pump
- Maximum filling volume 58 gallons → Ideal filling volume 28-40 gallons
- Close cover and start machine manually
- Cooling unit runs until set point is reached
- Agitator runs constantly
- Finished message via Indicator light
- Manual drainage via drainage cock
- Carbonate separated with bag filter
- Carbonate free chemistry is pumped away via level-controlled submersible pump
- Manual cleaning
- Manual restart by system operator

Technical Data

• Cooling Capacity	Max 2.3 kw
• Electrical	kw 230v
• Connected Load	1.50 kw
• Agitator	0.07 kw
• Cooling Devices	1.3 kw
• Submersible pump	230v
• Refrigerants	R404-A

Dimensions

• CARBOJET	Diameter: 27", 59" H Weight: 265 lbs
• PP Collection Tray	44" x 28" x 17" Weight: 133 lbs

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