Tool ID: 701
Tool Location: 102

Equipment Information Sheet

Electroplating Hood - Ni

Manager: Christopher Alpha 607-254-4913
Backup: Aaron Windsor 607-254-4831

Calls to staff phones will be automatically forwarded to their cell phones during accessible hours. At other times leave a message or send them an email.

SAFETY

- All chemical hood policies are in place using the tanks.
- Solutions are corrosive and toxic. Review MSDS for solutions before using.

USAGE RESTRICTIONS

- All chemical hood policies are in place using the tanks.
- Chemical buddy required for all work outside normal business hours (8 AM-6PM, M-F)

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 60 minutes

- None

MATERIALS COMPATIBILITY CATEGORY

Tool Category 5: Class A and B Metals and Compounds

Allowed	Not Allowed
Tool category 1/1E, 2, 3, and 4 materials	
Silicon Based Substrates and Films	
III/V compound Semiconductors	
Glass Substrates	
PECVD and ALD Films	
Cured organics and baked Photoresist	
CNF Class A, B, and Refractory metals	
Exposed Gold, Silver, Copper	
Alkali and Alkaline Compounds	
Organic/Biology Molecules prepared-w/salt buffers	
High Vapor Pressure Materials (Mg, Ca, Zn)*	* Some tool restrictions on high vapor pressure materials may apply
Soft organic materials	

High Vapor Pressure Metals and Compounds are materials that have a vapor pressure above 1e-6 Torr at 400 C.

Additional Material Restrictions and Exceptions

- No loose or flaking material allowed in baths.
- Photoresist must be hard baked before plating to prevent lifting.

Last Updated: 05/28/2026