Tool ID: 703
Tool Location: 102

Equipment Information Sheet

Electroplating Hood - Au

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 apply for using the tanks/hoods
- Plating solutions can be corrosive and toxic. Pleae review MSDS sheets for th especific solution you will be

USAGE RESTRICTIONS

- All Chemical hood policies apply for using the tanks/hoods
- Chemical buddy is required for work outside normal business hours (8am- 6pm, M-F)

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 60 minutes

- None currently
- Restrictions may be put in place if the reservation system is abused

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 flaking, peeling, or loose materials may be placed into the bath.
- Nothing that generates particulates may be placed into the bath.
- Only photoresist or polyimide may be used ask mask materials. These MUST be hardbaked before electroplating to prev

Last Updated: 05/27/2026