

Tool ID: 411
Tool Location: 121

Equipment Information Sheet

Photolithography Hotplates

Manager: Garry Bordonaro

Backup: Giovanni Sartorello

607-254-4936

607-254-4853

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

- High temperatures present
- No unbaked materials outside hoods

USAGE RESTRICTIONS

SCHEDULING/SIGN-UP RESTRICTIONS

- No scheduling at this time
- 15 min. time limit when busy

Minimum Tool Time: 0 minutes

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 Compoundsare materials that have a vapor pressure above 1e-6 Torr at 400 C.

Additional Material Restrictions and Exceptions

- No low temperature materials
- No resist on back of substrate

Last Updated: 02/17/2023