

Tool ID: 403
Tool Location: 106

Equipment Information Sheet
SU-8 Hotplates

Manager: Tom Pennell607-254-4309

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

- Surfaces can be hot.

USAGE RESTRICTIONS

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 15 minutes

- A group may have no more than 2 small hotplates and 2 large hotplates in simultaneous operation/reservation.
- A hotplate can not be used by the same group for more than 36 hours. An interval of 12 hours between uses is also required.
- Reserve and en

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

- Class 2 resists only (see sign on spinner hood)

Last Updated: 02/17/2023