

Tool ID: 1800  
Tool Location: 224

Equipment Information Sheet

Low-temp PDMS Vacuum Oven 1 (2nd Floor)

**Manager:** Xinwei Wu 607-254-4934

**Backup:** Michael Skvarla 607-254-4674

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

- BURN HAZARD: Oven can heat to high temperatures

USAGE RESTRICTIONS

- Leave your name and contact info on the door of the oven.
- No need to log into CORAL to use this oven.

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 0 minutes

- Do NOT use longer than 3 days at a time.
- This is NOT to be used for storing samples.

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

- Never exceed 60°C.
- Reset the oven to 60°C when finished.
- Use plastic petri dishes or glass containers that withstand 60°C.

Last Updated: 01/13/2022