Tool ID: 808
Tool Location: 131

Equipment Information Sheet

Critical Point Dryer - Tousimis

Manager: Sam Wright 607-254-4836
Backup: Christopher Alpha 607-254-4913

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

- Ensure the chamber lid is properly tightened
- Be familiar with the Emergency Shutdown Procedures (In case of a leak). These are in the manual.

USAGE RESTRICTIONS

- No buddy requirements

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 60 minutes

- It is suggested that you schedule your runs during regular staff hours due to the frequesnt changes needed in the CO2 cylinders.
- Please schedule runs 24 hrs. in advance for weekdays/
- If you plan on using the CPD over the weekend please schedule on CORAL by Friday, 12pm.

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 Biological Materials
- No acids or acetone
- Only materials that are compatible with alcohols

Last Updated: 09/03/2019