

Tool ID: 212
Tool Location: 110

Equipment Information Sheet
SAMCO UV-1 UV/Ozone

Manager: Jeremy Clark
Backup: Mac McMurdy

607-254-6487
607-254-4813

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

- No unusual hazards during normal operations
- Be careful with hot samples!
- Make sure to always PURGE before opening chamber

USAGE RESTRICTIONS

- No unusual hazards during normal operations
- No buddy system restrictions

SCHEDULING/SIGN-UP RESTRICTIONS

- None.

Minimum Tool Time: 15 minutes

MATERIALS COMPATIBILITY CATEGORY

| Tool Category 4: Glass and Metal Categories | |
|--|---|
| Allowed | Not Allowed |
| Tool category 1/1 E, 2, and 3 materials | |
| Silicon Based Substrates and Films | No CNF Class A metals |
| III/V compound Semiconductors | No Exposed CNF Group B metals- <i>metals can be buried/covered with staff approval</i> |
| Glass Substrates | Cannot be used as an etch stop |
| PECVD and ALD Films | |
| Buried Class B Metals with approval | |
| Organic/Bio Materials prepped w/o Salt Buffers | |
| Cured organics and baked Photoresist | No High Vapor pressure 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

Last Updated: 09/08/2022