Tool ID: 212
Tool Location: 110

Equipment Information Sheet

SAMCO UV-1 UV/Ozone

Manager: Philip Schneider 607-254-4931
Backup: Jeremy Clark 607-254-6487

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

Minimum Tool Time: 15 minutes

- None.

MATERIALS COMPATIBILITY CATEGORY

Tool Category 4: Glass and Metal Categories

Allowed	Not Allowed
Tool category 1/1E, 2, and 3 materials	
Silicon Based Substrates and Films	No CNF Class A metals
III/V compound Semiconductors	**No Exposed CNF Group B metals-** ***metals can be buried/covered with staff approval***
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 Compounds are materials that have a vapor pressure above 1e-6 Torr at 400 C.

Additional Material Restrictions and Exceptions

Last Updated: 03/26/2025