Tool ID: 430
Tool Location: 111

Equipment Information Sheet

YES PB8 Bake Oven

Manager: 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

- No unusual safety concerns

USAGE RESTRICTIONS

- No unusual usage restrictions.
- Programs typically take many hours to complete.

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 60 minutes

- Minimum time 2 hours
- Plan for 1-2 hours ramp up and 1-2 hours cool down

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

- No low-temperature materials (unstable below 500C)
- No High-Vapor-Pressure Materials

Last Updated: 06/05/2025