

Tool ID: 224
Tool Location: 111

Equipment Information Sheet

Oxford Cobra ICP Dielectric

Manager: Jeremy Clark 607-254-6487 Calls to staff phones will be automatically forwarded to their cell phones during accessible hours. At other times
Backup: Philip Schneider 607-254-4931 leave a message or send them an email.

SAFETY

USAGE RESTRICTIONS

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 15 minutes

MATERIALS COMPATIBILITY CATEGORY

Tool Category 1E: Silicon Based Materials and Select Dielectrics

Allowed	Not Allowed
Silicon Based Materials only	No Evaporated or Sputtered Films
Si, SiC, SiO ₂ substrates	No Metal or Organic Films
All Furnace grown or deposited films	No Glass Substrates
PECVD Films	No III/V Compound Semiconductors
Select ALD dielectrics (SiO ₂ , SiN, HfO ₂ , HFN)	No High Vapor pressure materials
Spin on Glass and Spin on Dopants	Organic/Biology Molecules prepared-with or without Salt buffers

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 metals

Last Updated: 04/17/2026