

Tool ID: 227
Tool Location: 125

Equipment Information Sheet

Oxford Cobra ALE Quantum

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

- Only materials certified for use in quantum tools!

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 15 minutes

MATERIALS COMPATIBILITY CATEGORY

Tool Category 1: Restrictd Silicon Based Materials Only

| Allowed | Not Allowed |
|---|--|
| Silicon Based Materials only (Si, SiC, SiO ₂ substrates) | No Evaporated, Sputtered, or Spin on Films |
| All Furnace grown or deposited films | No ALD films |
| PECVD Films | No Metal or Organic Films |
| | No Glass Substrates |
| | No III/V Compound Semiconductors |
| | No Deep Silicon Etched Samples (versaline, Unaxis) |
| | No Organic/Biology Molecules prepared-with or without Salt buffers |

Additional Material Restrictions and Exceptions

1Q

Last Updated: 04/17/2026