

Tool ID: 0
Tool Location: 125

Equipment Information Sheet

Oxford Cobra ALE Quantum

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

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

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: 04/14/2026