Tool ID: 317
Tool Location: 107

**Equipment Information Sheet**

# AJA Sputter Deposition - 2

**Manager: Chris Martin 607-254-4855**
**Backup: Shilling Du 607-254-4907**
**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.

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## SAFETY
## USAGE RESTRICTIONS
## SCHEDULING/SIGN-UP RESTRICTIONS

*Minimum Tool Time: 30 minutes*

- Maximum 4 hr block reservations anytime
- Must leave a 4hr block between reservations
- Maximum 12 hours reserved in advance at any time

## 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 high vapor pressure substrates or films (ITO, Indium, Zinc, etc)

*Last Updated: 09/08/2026*