Tool ID: 309
Tool Location: 111

**Equipment Information Sheet**

# MVD100

**Manager: Chris Martin 607-254-4855**
**Backup: Christopher Alpha 607-254-4913**
**Backup: 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
## USAGE RESTRICTIONS

- User must remain in lab while tool is in operation.

## SCHEDULING/SIGN-UP RESTRICTIONS

*Minimum Tool Time: 30 minutes*

- Please notify tool manager for source material changes. Please allow 2-3 days for source change.

## MATERIALS COMPATIBILITY CATEGORY

**Tool Category 5: Class A and B Metals and Compounds**

| Allowed | Not Allowed |
|---|---|
| Tool category 1/1E, 2, 3, and 4 materials | |
| Silicon Based Substrates and Films | |
| III/V compound Semiconductors | |
| Glass Substrates | |
| PECVD and ALD Films | |
| Cured organics and baked Photoresist | |
| CNF Class A, B, and Refractory metals | |
| Exposed Gold, Silver, Copper | |
| Alkali and Alkaline Compounds | |
| Organic/Biology Molecules prepared-w/salt buffers | |
| High Vapor Pressure Materials (Mg, Ca, Zn)* | * Some tool restrictions on high vapor pressure materials may apply |
| Soft organic 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

*Last Updated: 09/08/2026*