

Tool ID: 620
Tool Location: 128

Equipment Information Sheet

Zyvex Nanoprobes for Ultra SEM

Manager: Alan R. Bleier607-254-4931

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

- No safety concerns during normal operation

USAGE RESTRICTIONS

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 30 minutes

- Reservations longer than 2 hours must be made outside of normal business hours
- (9am - 5pm)

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 Compoundsare materials that have a vapor pressure above 1e-6 Torr at 400 C.

Additional Material Restrictions and Exceptions

- Sample sizes should be 1cm or less

Last Updated: 01/11/2022