Tool ID: 620
Tool Location: 128

Equipment Information Sheet

Zyvex Nanoprobes for Ultra SEM

Manager: Xinwei Wu 607-254-4934
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

- 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 Compounds are 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: 06/11/2025