Tool ID: 613
Tool Location: 117

Equipment Information Sheet

Schott IR Inspector

Manager: Philip Schneider 607-254-4931
Backup: Christopher Alpha 607-254-4913

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

- Don't operate the machine while the process door is open.

USAGE RESTRICTIONS
SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 0 minutes

- Minimum Tool Time 30 minutes
- Maximum 4 hour block reservation anytime
- No consecutive research groups reservations
- Additional individual restrictions my be imposed to maximized use

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

- Do not use tacky or wet chemistry on substrate while operating the tool.

Last Updated: 06/09/2025