

Tool ID: 607  
Tool Location: 103

## Equipment Information Sheet P7 Profilometer

**Manager:** Mac McMurdy  
**Backup:** Jeremy Clark

607-254-4813  
607-254-6487

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 unusual hazards during normal operation.

### USAGE RESTRICTIONS

- No buddy system restrictions imposed on normal operation.

### SCHEDULING/SIGN-UP RESTRICTIONS

- None at this time.

*Minimum Tool Time: 5 minutes*

### 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

- Samples must be clean: No Acid or Base Residues on top or back.
- Standard semiconductor manufacturing materials allowed. Contact machine manager about other materials.
- No Objects greater than 150mm diameter or smaller than 10mmx10mm

*Last Updated: 03/24/2021*