

Tool ID: 1809  
Tool Location: P154

## Equipment Information Sheet

# Westbond 7400A Ultrasonic Wire Bonder

**Manager:** Mac McMurdy 607-254-4813  
**Backup:** James Crawford 607-254-5895  
**Backup:** Daniel McCollister 607-254-8207  
**Backup:** Giovanni Sartorello 607-254-4853

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

- Maximum 4 hour block reservations anytime
- Maximum 12 hours reserved in advance at any time per person
- No consecutive research group reservations
- Users/Groups may use any amount of unreserved time
- Additional individual restrictions may be imposed

*Minimum Tool Time: 12 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

- Call machine manager

*Last Updated: 02/13/2024*