

Tool ID: 420  
Tool Location: 133

Equipment Information Sheet

# SUSS MJB4 Contact Aligner

**Manager:** Garry Bordonaro 607-254-4936

**Backup:** Giovanni Sartorello 607-254-4853

**Backup:** Michael Skvarla 607-254-4674

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

- Orange UV glasses are recommended during exposure, but not required.
- Training by CNF staff is required prior to tool usage.

USAGE RESTRICTIONS

- No buddy system restriction imposed on normal operation

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 0 minutes

- Maximum 4 hour block reservation anytime
- No consecutive research group reservations
- Additional individual restriction 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

- 5" Mask size
- Substrate size from about 5mm square to 100mm in diameter.
- Backside of the substrate must be clean. No wet Resist.