

Tool ID: 429  
Tool Location: 117

### Equipment Information Sheet

# Heidelberg MLA 150 Maskless Aligner

**Manager: 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.  
**Backup: Garry Bordonaro 607-254-4936**  
**Backup: John Treichler 607-254-4949**

## SAFETY

### USAGE RESTRICTIONS

- Pieces only with automatic alignment substrate template, unless approved by staff.

### SCHEDULING/SIGN-UP RESTRICTIONS

*Minimum Tool Time: 30 minutes*

- Maximum reservation duration: 3 hours.
- Minimum time between reservations: 1 hour.
- No more than 3 future reservations, or a total of 3 hours' time reserved.
- The reservation policy applies weekdays from 8 AM to 6 PM.

### 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

- No substrates smaller than 5 mm x 5 mm, unless approved by staff.
- No substrates with: dirty or contaminated back side, unbaked resist, loose parts, particulating coatings, etc.

*Last Updated: 04/02/2026*