

Tool ID: 1300
Tool Location: 224

Equipment Information Sheet
Dimatix Printer (Second Floor)

Manager:
Backup:

Xinwei Wu
Christopher Alpha

607-254-4934
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

- IGNITION HAZARD for low flash-point inks.
- INHALATION HAZARD ; work with all open containers of inks in the fume hood.
- When working in the fume hood, wear safety glasses, face shield and nitrile gloves.

USAGE RESTRICTIONS

All inks must fall within ink jetting parameters (flash point, viscosity, surface tension). See ink formulation tutorial PDF for details.

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 15 minutes

- None

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 Compoundsare materials that have a vapor pressure above 1e-6 Torr at 400 C.

Additional Material Restrictions and Exceptions

- ALL inks must be pre-approved by the tool manager.
- NO LOW FLASH POINT INKS. See tool manager before printing.

Last Updated: 07/15/2019