

Tool ID: 1806  
Tool Location: 224

Equipment Information Sheet

CorSolutions Microfluidic Probe Station (2nd Floor)

**Manager:** Christopher Alpha 607-254-4913

**Backup:** Xinwei Wu 607-254-4934

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

- ALL biological materials and buffers must be pre-approved by the tool manager.
- All output tubing should be in waste receptacles or towels to contain leaks.

USAGE RESTRICTIONS

- Purchase tubing from the tool manager.
- Install your tubing for your experiments.
- If you need to use the tool on consecutive days, see the tool manager.
- Replace your tubing with the lab tubing when finished.

SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 0 minutes

- Users must get permission from the tool manager to use the tool on consecutive days.

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

- Aqueous solutions only (water, ethanol, proteins, salts, detergents, etc.)
- NO ORGANIC SOLVENTS ALLOWED.
- NO BIOSAFETY LEVEL-2 MATERIAL
  - NO HUMAN-DERIVED SAMPLES
  - NO PRIMATE\_DERIVED SAMPLES
  - NO PATHOGENIC MICROBES (dead or alive)
  - NO MICROBE-DERIVED TOXINS