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

*Last Updated: 08/06/2019*