Tool ID: 1600
Tool Location: 201

Equipment Information Sheet

Malvern Nano ZS Zetasizer

Manager: Xinwei Wu 607-254-4934
Backup: Alan R. Bleier 607-254-4931

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

- Biohazardous (infectious) samples MAY be used on the tool. Adhere to all posted safety procedures.

USAGE RESTRICTIONS
SCHEDULING/SIGN-UP RESTRICTIONS

Minimum Tool Time: 30 minutes

- Biohazardous samples require 3 days notice to tool manager.

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

- All samples must be pre-approved by the tool manager.
- Work with samples derived from humans, non-human primates or infectious microbes must be coordinated with the tool manager.

Last Updated: 08/27/2019