

Tool ID: 621  
Tool Location: 128

**Equipment Information Sheet**  
**Bruker Energy-dispersive X-ray Spectrometer (EDS)**

**Manager:** Alan R. Bleier 607-254-4931  
**Backup:** Amrita Banerjee 607-254-4855  
**Backup:** John Treichler 607-254-4949

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**

No unusual hazards during operation.

**USAGE RESTRICTIONS**

No buddy system restrictions imposed on normal operation.

**SCHEDULING/SIGN-UP RESTRICTIONS**

Same as Zeiss Supra SEM

*Minimum Tool Time: 0 minutes*

**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**

None

*Last Updated: 07/21/2021*