

Tool ID: 1603  
Tool Location: 201

Equipment Information Sheet  
**Rame-Hart 500 Goniometer**

**Manager:** Xinwei Wu  
**Backup:** Jeremy Clark

607-254-4934  
607-254-6487

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 normal operation.

**USAGE RESTRICTIONS**  
**SCHEDULING/SIGN-UP RESTRICTIONS**

Minimum Tool Time: 30 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 Compounds**are materials that have a vapor pressure above 1e-6 Torr at 400 C.

**Additional Material Restrictions and Exceptions**

Last Updated: 11/29/2018