

Technics Hummer Model V SEM Sputter Coater



The Technics Hummer Model V Sputter Coater is available for use in the plating, etching, or plasma processing of samples. Currently, NCF has Au, Pt and Al targets with an Argon 5-9's purity gas ambient. The default target installed is Au, so any user requiring another target should please contact the NCF main office in advance of their use. After passing the NCF safety exam, users can request training on this machine by sending an email to ncfttech@uic.edu. Those not trained can request an NCF work service order by contacting the lab manager.

Location: Electron-Beam Lithography room

Training: 2 sessions (1 training and a checkout session)

Technical Specifications:

- Max sample size: 3-inch
- Materials available: Au, Pt, Al
- Gas: Ar (five 9's purity)
- Min pressure: < 30 mTorr