Integrated Molecular Beam Epitaxy System with Liquid Phase Epitaxy and Electrochemical Cell
Model: IMBE300-LPE-EC

TECHNIQUES:
- Low Energy Electron Diffraction (LEED)
- Auger Electron Spectroscopy (AES)
- 7 Deposition Sources
- Liquid Phase Epitaxy (LPE)
- Cyclic Voltammetry
- Surface Preparation with Thermal Annealing and Ion Bombardment

OPTIONS:
- X-Ray Photoelectron Spectroscopy (XPS)
- Reflection High Energy Electron Diffraction (RHEED)
- Thermal Desorption Mass Spectroscopy (TDS)

FEATURES:
- No need to transfer to another chamber for analysis after film growth
- Short switching time between deposition and surface science analysis
- Load-lock with transfer arm and sample storage
- Sample transfer compatibility with other systems: SPM and SEM