

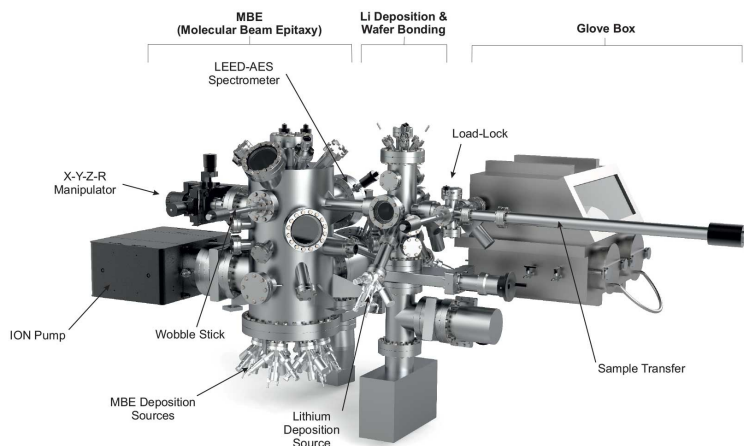
PROCESSES

- Complete solid-state battery fabrication
- UHV surface preparation & epitaxial film growth
- Ion bombardment
- Thermal annealing
- Wafer bonding vacuum furnace
- Deposition of Li and metal contacts
- Surface engineering of Li-ion battery electrodes

IN-SITU CHARACTERIZATION

- LEED (Low Energy Electron Diffraction)
- AES (Auger Electron Spectroscopy)
- ADP (Auger Depth Profiling)
- Thin Film Thickness Monitor
- Residual & Desorption Gases Analyzer (RGA)
- Li-ion Battery Analysis

Ultra-High Vacuum (UHV) System for Li-ion Electrodes & Solid-State Battery Development & Fabrication



Key Feature:

Nano-Scale Process Control with In-Situ Characterization Under Ultra-High Purity Environment

Liquid Electrolyte Battery Cell Solid-State Battery Cell

