

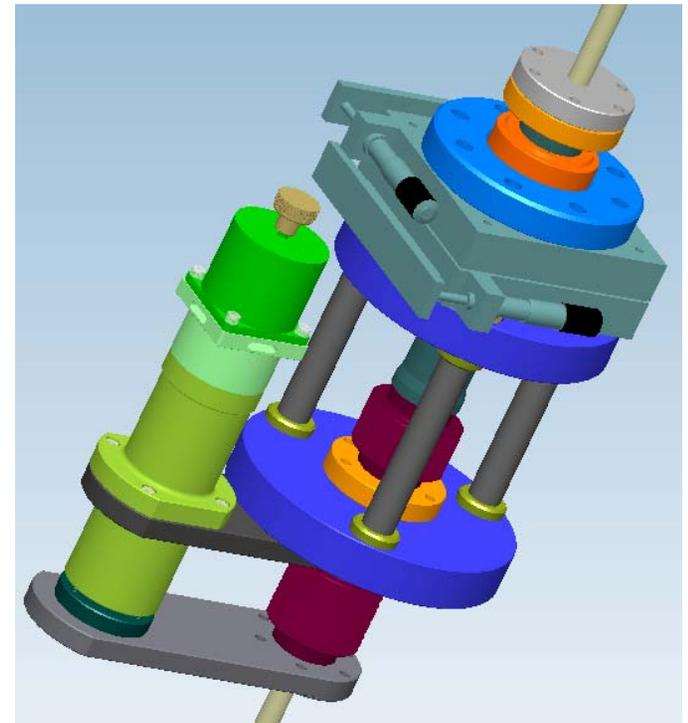
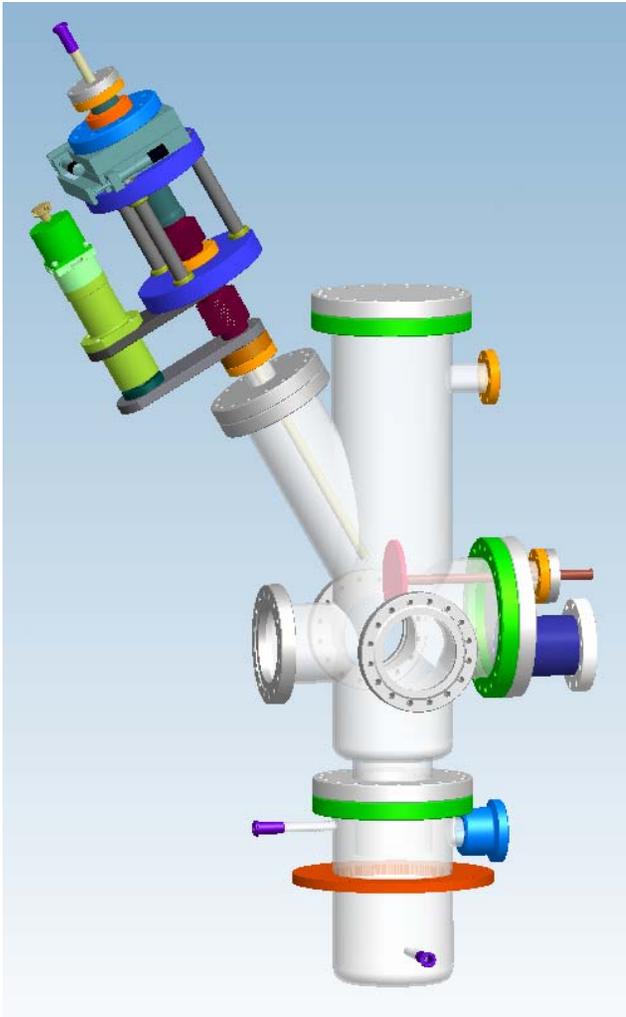
Lithium Thin Film System Status

*C. B. Reed, S. Sharma, V. Novick,
Y. Momozaki, A. Barcikowski, B. Rusthoven
July 21, 2004*

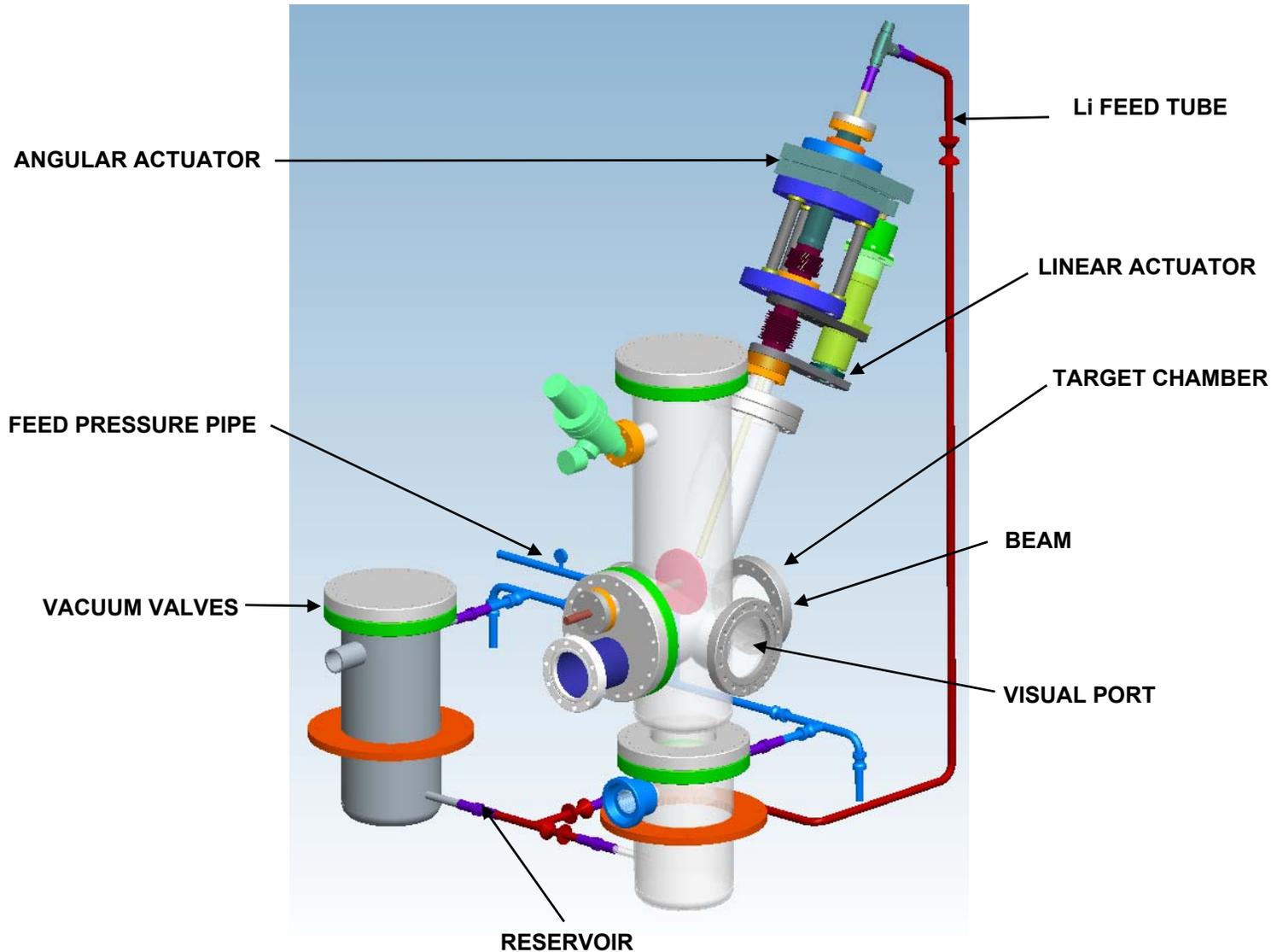
Argonne National Laboratory
Operated by The University of Chicago
for the U.S. Department of Energy



Status of Drawings

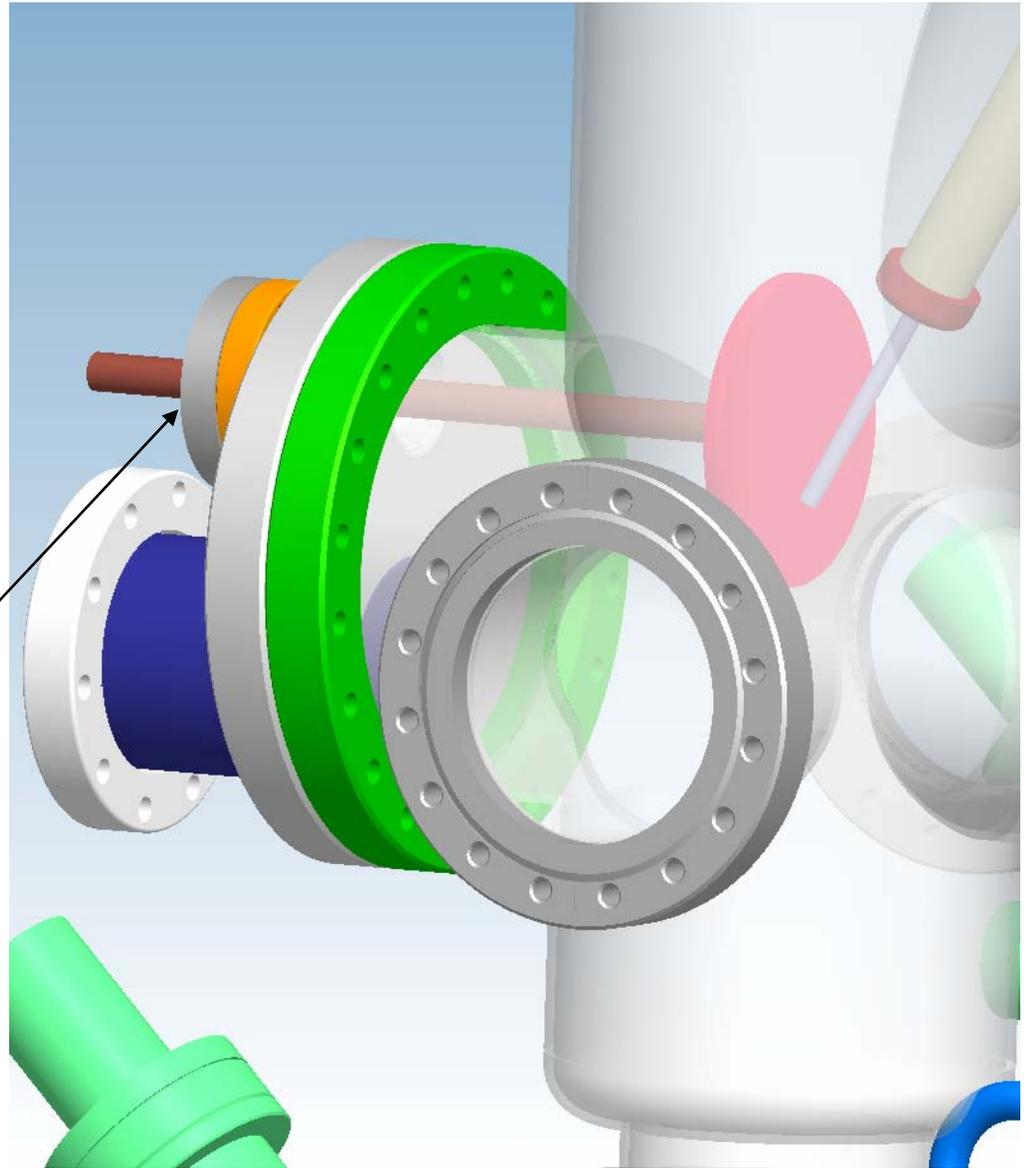


Status of Drawings

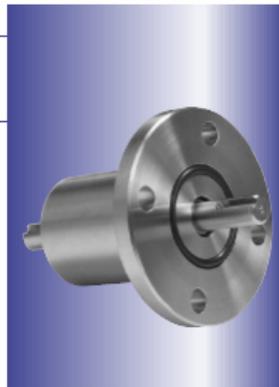
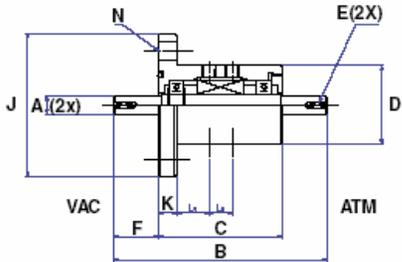


Status of Drawings

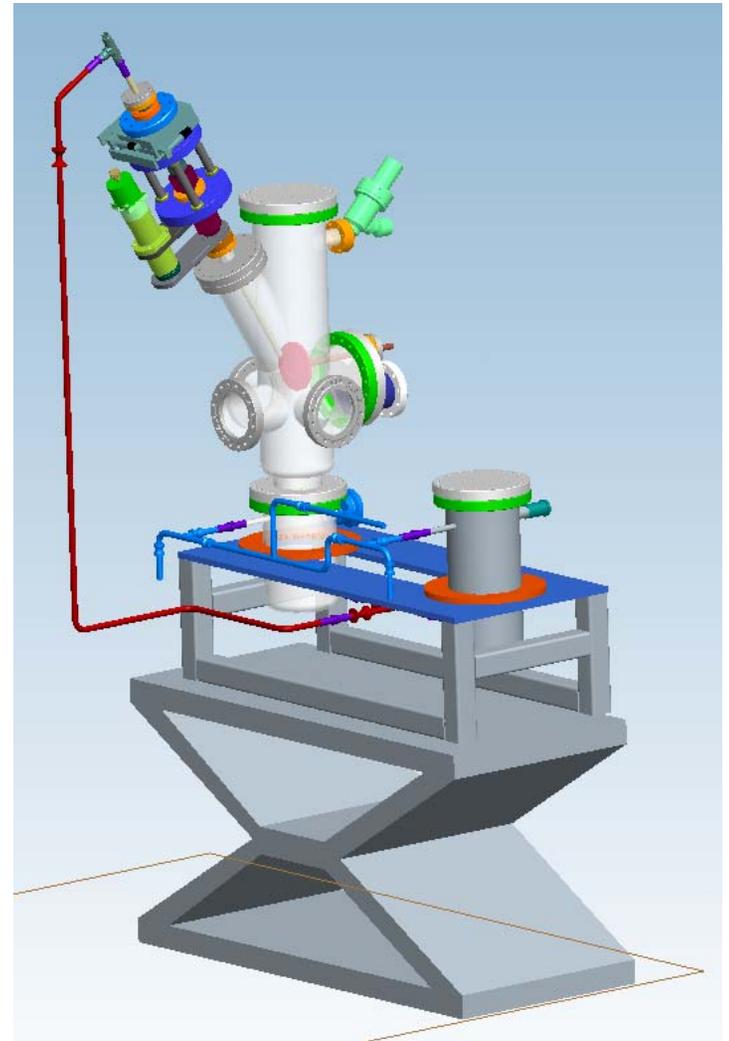
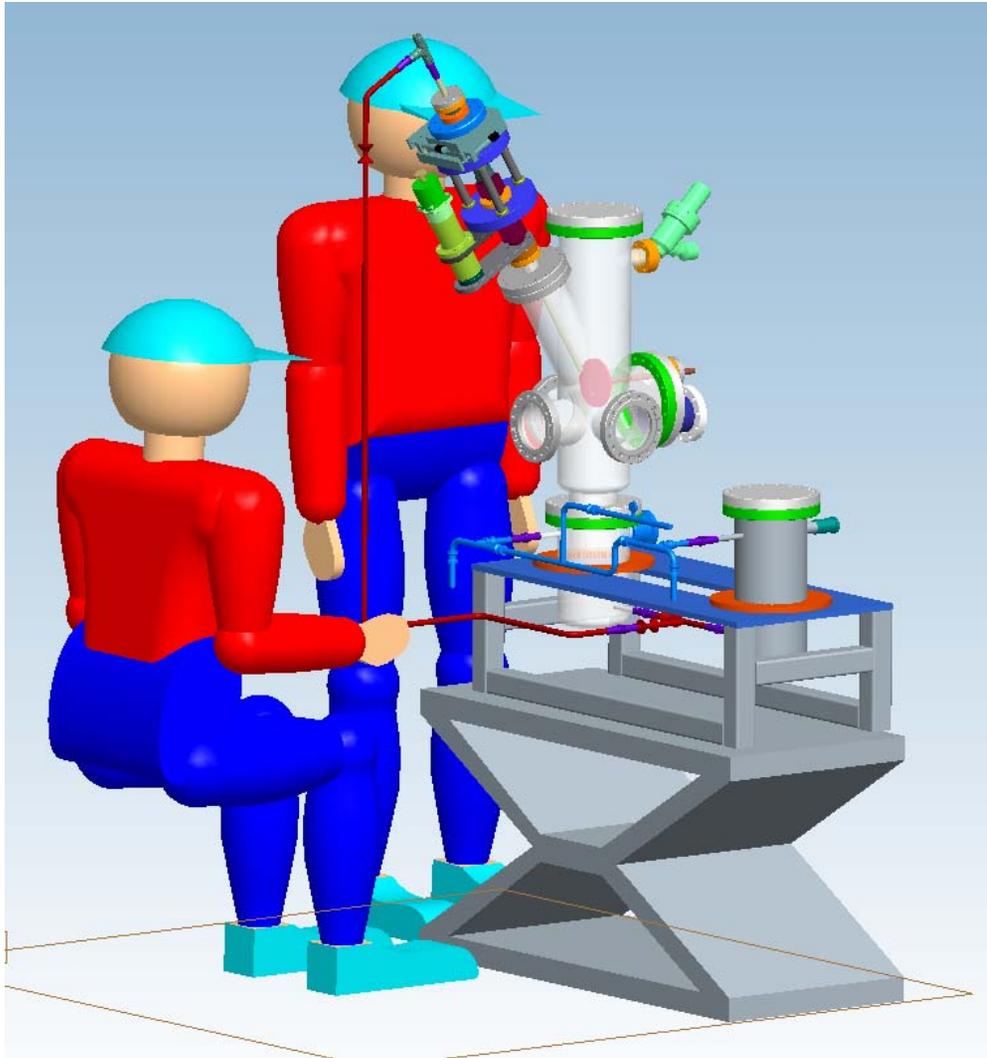
Ferrofluidic®
Vacuum
Rotary
Feedthroughs



Flange
Mount
Feedthroughs



Status of Drawings



Status of Procurements

- **Main Lithium System:**
 - 2 bellows sealed valves on order
- **Vacuum System:**
 - Four 4" gate valves on hand
 - Most piping & fittings on order

Status of Experimental Area in 370

- **Containment complete**
 - Structure
 - Floor
 - Lighting & electrical

- **Large diffusion pump**
 - In place
 - Wiring connected
 - Cooling water connection underway
 - Outgasing underway