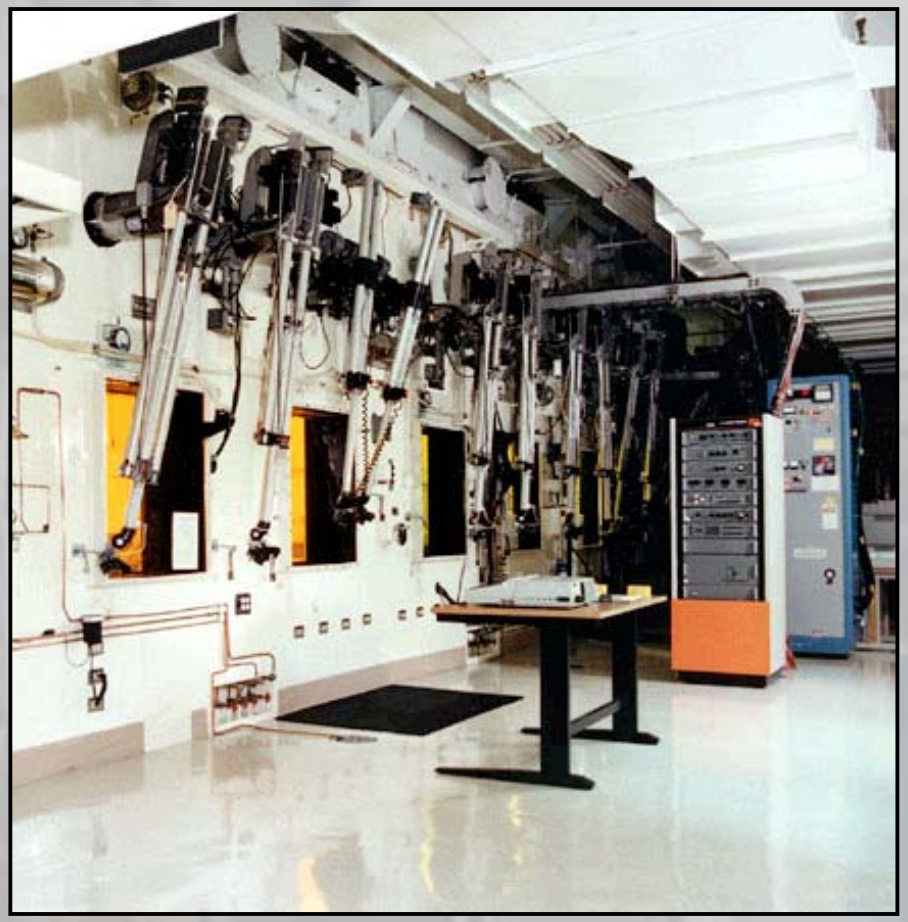
Irradiated Materials Examination and Testing (IMET) Hot Cell Facility

Testing with Instron tensile machine

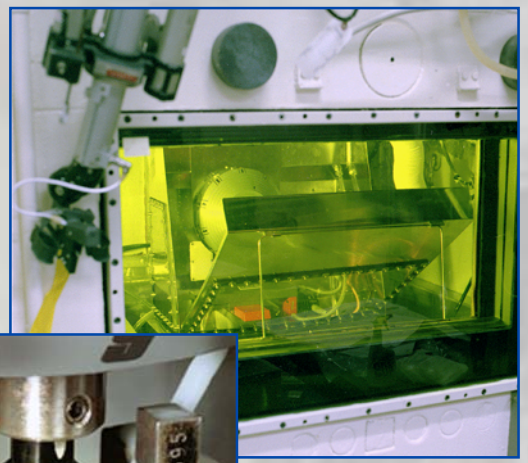
Scanning electron microscopy

Available Equipment

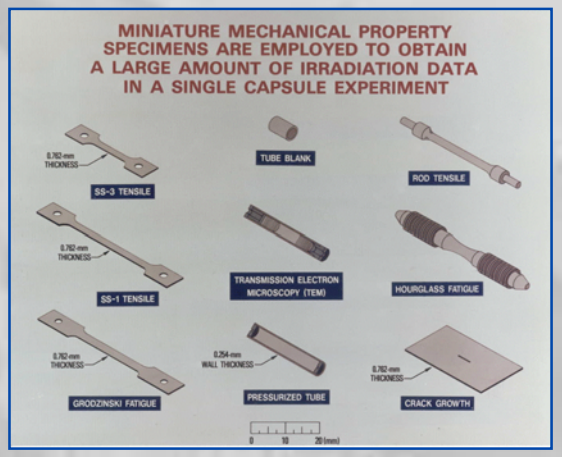
- Laser Profilometer
- Precision densitometer
- Video Equipment
- Instron tensile machine with high vacuum chamber
- Automated ball indentation system
- Automated microhardness indenter
- Instrumented Charpy impact system
- Computer-controlled fracture toughness and fatigue systems.
- Annealing furnace
- Philips XL30 SEM
- CNC milling machine



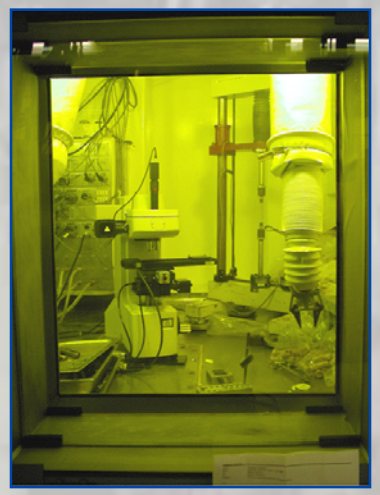
IMET has six cells equipped to handle bottom-loading casks. IMET also has a specimen preparation laboratory and a high bay work area with an over head crane.



Computer Numerically Controlled (CNC) Milling Machine



Many different specimen geometries are supported.



Mitutoyo automated hardness indenter

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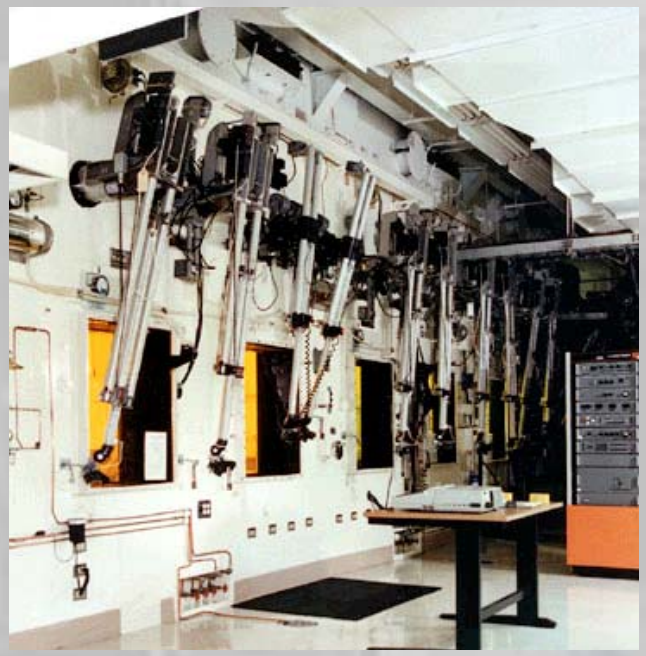

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