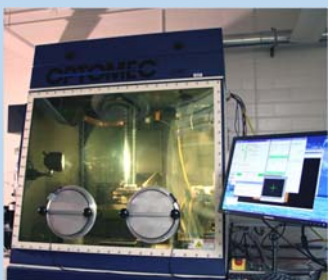


# High-Throughput Capabilities at Ames Lab

## Combinatorial Synthesis

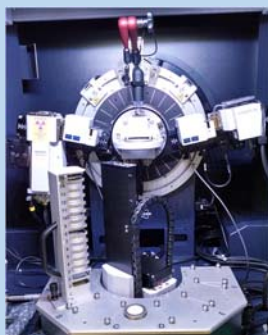


Optomec LENS™ system with 4 powder hoppers and < 2 ppm O<sub>2</sub> glove box

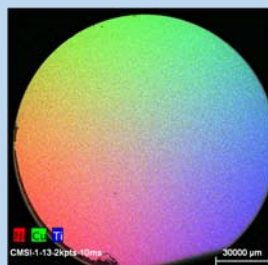


KJLC DC/RF magnetron 3 and 6 gun sputtering systems

## Chemical and Structural Characterization



Bruker D8 XRD with Energy Sensitive Strip Detector and 30 sample auto-changer



Bruker μ-XRF with 30 micron spot size

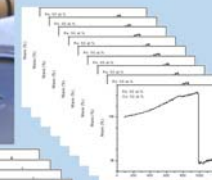
## Magnetic and Thermal Properties



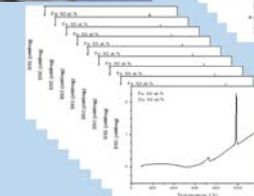
Versa Labs VSM with 6 sample auto-changer



TGA



Netzsch DSC/DTGA with 19 sample auto-changer



DSC

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