


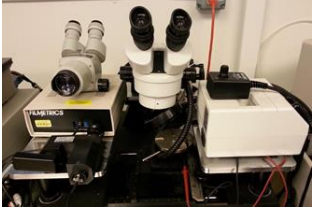

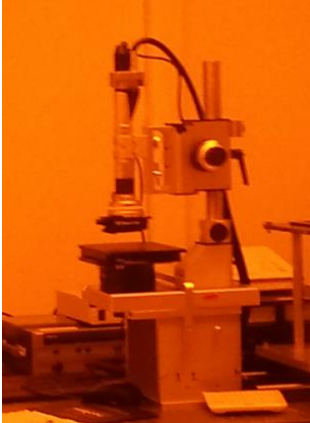





## EQUIPMENT LIST

Category	Equipment	Equipment Picture
Lithography	<p><b>High Resolution Mask Alignment and Exposure System</b></p> <p><b>500 Watt DUV/UV</b> Exposure System with Intensity Controlling Power Supply. Uniform/Collimated <b>6.0" Diameter Exposure Beam.</b> Dual CCD Camera Alignment System with Zoom Magnification from with Adjustable Fiber Optic Illumination and LCD Flat Panel Displays. Adjustable Camera Z motion focus</p>	
	<p>SPC-200 Spin-Coater 200 mm pre- alignment wafer processing system (12,000 rpm option)</p>	 
	Baking Ovens (Inert Environment)	
Soft Lithography (+PDMS)	PDMS	

<p><b>Metal Deposition</b></p>	<p>Thermal Evaporation + Sputtering</p>	
<p><b>DRIE (Desk-Top) + Plasma Etching</b></p>	<p>Technics Series 85</p>	
<p><b>Oxidation</b></p>	<p>Centorr Oxidation Chamber</p>	
<p><b>Profilometer</b></p>	<p>Filmetrics</p>	
<p><b>SEM Microscopy (with EDX Capability)</b></p>	<p>FEI, Quanta 450</p>	

<b>3D Microscope</b>	Hirox 3D Microscope	
<b>Probe Station</b>	SignProbe Probe Station	
<b>FTIR (Fourier Transform Infrared Spectroscopy)</b>		
<b>Electrical &amp; Electrochemical Characterization</b>	Solartron Analytical Cyclic Voltammetry & Impedance Measurement	

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