

# ISN Equipment List:

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5 March 2015

4 Point Probe / Keithley SCS-4200	Nd:YAG Laser *
3D Printing *	NSOM
Atomic Force Microscope ( <i>multi-mode and pico force</i> )	- <i>Near-field Scanning Optical Microscope</i>
AFM Dimension 3100	Polarizing Light Microscope
BET Surface Area –ASAP 2020	Potentiostat - 4th Floor
Critical Point Drier	Potentiostat - 5th Floor
Cross Section Polisher	Raman Spectroscopy – <i>Horiba LabRam</i>
Cryo-Microtome	Rheometer
Differential Scanning Calorimeter	Scanning Electron Microscope
Direct Write Laser *	– <i>JEOL 6010LA</i>
Dynamic Mechanical Analyzer	SEM Field Emission - <i>JEOL 6700</i>
Dynatup/Instron Impact Tester	Slide Stainer ( <i>Layer by Layer deposition</i> )
Focused Ion Beam	Small & Wide Angle X-Ray Scattering
Fluorescent and Optical Microscopes	Spectrofluorometer
FTIR and Accessories	Spectroscopic Ellipsometer
Gas Gun *	Spin Coaters
GPC ( <i>DMF only</i> )	Split Hopkinson Bar
Hot Press	Thermogravimetric Analyzer
HPLC	UV-Vis Spectrometer
Impedance Analyzer	UV-Vis Spectrometer ( <i>with NIR</i> )
Inverted Fluorescent Microscope	Zeta Potential
Light Scattering Apparatus	Zwick Mechanical tester
Lyophilizer	
Nano Tensile Tester	

\* Access to this equipment is limited and/or restricted to specific ISN projects only. Email any questions to: [tatem@mit.edu](mailto:tatem@mit.edu) or [dmjohn@mit.edu](mailto:dmjohn@mit.edu)