

	U.S. \$
<b>Secondary Ion Mass Spectrometry (SIMS)</b>	
• Cameca IMS-3f with oxygen or caesium source	\$170.00/hour
• ION-TOF TOF-SIMS IV with Ga <sup>+</sup> , Cs <sup>+</sup> , SF <sub>5</sub> <sup>+</sup> , Ar <sup>+</sup> , O <sup>+</sup> , and C <sub>60</sub> <sup>+</sup> beams, 8" sample stage	\$170.00/hour
<b>X-ray Photoelectron Spectroscopy (XPS)</b>	
• Kratos AXIS Ultra	\$170.00/hour
• Kratos AXIS Nova	\$170.00/hour
<b>Scanning Auger Microscopy (SAM)</b>	
• PHI-660 Scanning Auger Microprobe	\$170.00/hour
<b>Scanning Electron Microscopy (SEM) with Energy Dispersive X-ray (EDX) Spectroscopy</b>	
• LEO 440 SEM equipped with a Quartz XOne Light Element EDX System	\$150.00/hour
• Hitachi S-4500 Field Emission SEM equipped with a Quartz PCI XOne SSD X-ray Analyzer	\$150.00/hour
• Hitachi SU3500 Variable Pressure SEM with a Oxford AZtec X-Max50 SDD X-ray Analyzer	\$150.00/hour
<b>Atomic Force Microscopy (AFM)</b>	
• PSIA XE-100	\$150.00/hour
<b>Surface Profilometry</b>	
• Tencor P-10	\$150.00/hour
<b>Nanomechanical Testing</b>	
• Hysitron TI-950 Triboindenter	\$150.00/hour
<b>Laser Raman Spectroscopy</b>	
• Renishaw 2000	\$170.00/hour
<b>Fourier Transform Infrared (FTIR) Spectroscopy</b>	
• Bruker Tensor II System with Hyperion 2000 Microscope	\$170.00/hour
<b>Optical Microscopy</b>	
• Zeiss Axioplan, Zeiss SteREO Discovery.V8, and Wild M3Z	\$110.00/hour
<b>Contact Angle Goniometry</b>	
• Ramé-Hart 100	\$110.00/hour
<b>Microindentation Hardness Testing</b>	
• Leco LM100	\$70.00/sample
<b>Metallographic Preparation</b>	
• Per sample	\$80.00/sample
<b>Etching</b>	
• Standard	\$80.00/sample
• HF or electrolytic	\$160.00/sample
<b>Priority Service</b> (based on Monday - Friday business hours, excluding weekends and holidays)	
• Five business days	25% surcharge
• Three business days	50% surcharge
• One business day	100% surcharge
<b>Advanced Reporting, Consulting, Data Interpretation, Post-analytical Data Processing, Sample Preparation</b>	
• Hourly basis	\$150.00/hour
<b>Travel</b>	
• Hourly basis	\$130.00/hour
• Car rental and fuel	At cost
<b>Project Administration Fee</b>	
• One-time flat fee, per job	\$43.50

• **A minimum charge of \$120.00 (including administration fee) applies to all jobs** •