

	USD \$
Secondary Ion Mass Spectrometry (SIMS)	
• Cameca IMS-3f with oxygen or caesium source	\$200.00/hour
• ION-TOF-TOF-SIMS IV with Ga+, Cs+, SF5+, Ar+, O+, and C60+ beams, 8" sample stage	\$200.00/hour
X-ray Photoelectron Spectroscopy (XPS)	
• Kratos AXIS Supra	\$200.00/hour
• Kratos AXIS Nova	\$200.00/hour
Auger Electron Spectroscopy (AES)	
• PHI 710 Field Emission Scanning Auger Nanoprobe	\$200.00/hour
Scanning Electron Microscopy (SEM) with Energy Dispersive X-ray (EDX) Spectroscopy	
• Hitachi SU8230 Regulus Ultra High-Resolution Field Emission SEM Bruker X-Flash FQ5060 Annular Quad X-ray Analyzer Bruker X-Flash 6160 X-ray Analyzer	\$180.00/hour
• Hitachi SU3900 Variable Pressure Large Chamber SEM with an Oxford ULTIMAX 65 SDD X-ray Analyzer	\$180.00/hour
• Hitachi SU3500 Variable Pressure SEM with an Oxford Aztec X-Max50 SDD X-ray Analyzer	\$180.00/hour
Atomic Force Microscopy (AFM)	
• Park Systems XE-100	\$180.00/hour
Surface Profilometry	
• KLA-Tencor-17	\$180.00/hour
• Zeiss LSM800 Confocal Laser Scanning Microscope	\$180.00/hour
Laser Raman Spectroscopy	
• Renishaw InVia Reflex Raman Spectrometer	\$200.00/hour
Fourier Transform Infrared (FTIR) Spectroscopy	
• Bruker Tensor II System with Hyperion 2000 Microscope	\$200.00/hour
Optical Microscopy	
• Zeiss Axioplan, Zeiss SteREO Discovery.V8, and Wild M3Z	\$130.00/hour
• Keyence VHX-6000	\$130.00/hour
Contact Angle Goniometry	
• KRÜSS Drop Shape Analyzer DSA30E	\$200.00/hour
Microindentation Hardness Testing	
• Leco LM100	\$110.00/sample
Metallographic Preparation	
• Per sample	\$110.00/sample
Etching	
• Standard	\$110.00/sample
Differential Scanning Calorimetry (DSC)	
• Mettler Toledo DSC 3	\$130.00/sample
Thermogravimetric Analysis (TGA)	
• Mettler Toledo TGA 2	\$130.00/sample
X-ray Diffraction (XRD)	
• Rigaku SmartLab with a 2D Hypix-3000 detector	\$180.00/hour
Micro Computed Tomography (Micro-CT)	
• Zeiss Xradia 410 Versa Micro-CT	\$810/per overnight run
• Zeiss Xradia 410 Versa Micro-CT	\$130/per daytime hour
Weathering Chambers	
• Q-FOG / Q-SUN / QUV Weathering Chamber	Please call for a quote
Priority Service (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
Advanced Reporting, Consulting, Data Interpretation, Post-analytical Data Processing, Sample Preparation	
• Hourly basis	\$180.00/hour
Project Administration Fee	
• 10% of total job	