

USD \$ Secondary Ion Mass Spectrometry (SIMS) Cameca IMS-3f with oxygen or caesium source and Cameca IMS-6f with oxygen or caesium source \$190.00/hour ION-TOFTOF-SIMSIV with Ga+, Cs+, SF5+, Ar+, O+, and C60+beams, 8" sample stage and C60+beam\$190.00/hour X-ray Photoelectron Spectroscopy (XPS) Kratos AXIS Supra \$190.00/hour Kratos AXIS Nova \$190.00/hour **Auger Electron Spectroscopy (AES)** PHI 710 Field Emission Scanning Auger Nanoprobe \$190.00/hour Scanning Electron Microscopy (SEM) with Energy Dispersive X-ray (EDX) Spectroscopy Hitachi SU8230 Regulus Ultra High-Resolution Field Emission SEM \$170.00/hour Bruker X-Flash FQ5060 Annular Quad X-ray Analyzer Bruker X-Flash 6160 X-ray Analyzer Hitachi SU3900 Variable Pressure Large Chamber SEM with an Oxford ULTIMAX 65 SDD X-ray Analyzer \$170.00/hour Hitachi SU3500 Variable Pressure SEM with an Oxford Aztec X-Max50 SDD X-ray Analyzer \$170.00/hour **Atomic Force Microscopy (AFM)** Park Systems XE-100 \$170.00/hour **Surface Profilometry** KLA-Tencor-17 \$170.00/hour Ziess LSM800 Confocal Laser Scanning Microscope \$170.00/hour **Laser Raman Spectroscopy** Renishaw 2000 \$190.00/hour Fourier Transform Infrared (FTIR) Spectroscopy Bruker Tensor II System with Hyperion 2000 Microscope \$190.00/hour Optical Microscopy \$120.00/hour Zeiss Axioplan, Zeiss SteREO Discovery, V8, and Wild M3Z Keyence VHX-6000 \$120.00/hour **Contact Angle Goniometry** KRÜSS Drop Shape Analyzer DSA30E \$190.00/hour **Microindentation Hardness Testing** Leco LM100 \$100.00/sample **Metallographic Preparation** Per sample \$100.00/sample **Etching** Standard \$100.00/sample Differential Scanning Calorimetry (DSC) Mettler Toledo DSC 3 \$120.00/sample Thermogravimetric Analysis (TGA) Mettler Toledo TGA 2 \$120.00/sample X-ray Diffraction (XRD) Rigaku SmartLab with a 2D Hypix-3000 detector \$170.00/hour Micro Computed Tomography (Micro-CT) Zeiss Xradia 410 Versa Micro-CT \$700/per overnight run Zeiss Xradia 410 Versa Micro-CT \$120/per daytime hour Weathering Chambers Please call for a quote Q-FOG CRH Cyclic Corrosion Tester Q-SUN Xe-3 Xenon Arc Test Chamber Please call for a quote QUV/Spray Accelerated Weathering Chamber Please call for a quote Priority Service (based on Monday - Friday business hours, excluding weekends and holidays) 25% surcharge Five business days Three business days 50% surcharge One business day 100% surcharge Advanced Reporting, Consulting, Data Interpretation, Post-analytical Data Processing, Sample Preparation Hourly basis \$170.00/hour **Project Administration Fee** One-time flat fee, per job \$26.50