

MRF - Multidimensional Characterization Lab Equipment Rates (2025)

All rates are hourly and are applied in 1 min increments. Effective September 1st, 2024.

	Internal Rate		External Rates			
	UNT Sponsored Research		Non-Commercial Govt Grant Rate		Commercial Institutions	
	Instrument Only per hour	Service per hour	Instrument Only per hour	Service per hour	Instrument Only per hour	Service per hour
Staff Assistance — Technical Assistance		\$ 52.00		\$ 78.00		\$ 159.00

BULK ANALYSIS — Microscopy & Microanalysis

Atom Probe Microscope — Cameca LEAP 5000XS	\$ 46.00	\$ 98.00	\$ 69.00	\$ 147.00	\$ 271.00	\$ 480.00
Scanning Electron Microscope / Focused Ion Beam — FEI Nova 200 NanoLab FIB/HRSEM	\$ 47.00	\$ 99.00	\$ 70.00	\$ 148.00	\$ 301.00	\$ 510.00
Scanning Electron Microscope — FEI Nova NanoSEM 230 HRSEM	\$ 38.00	\$ 90.00	\$ 57.00	\$ 135.00	\$ 271.00	\$ 430.00
Scanning Electron Microscope — FEI Quanta 200 Environmental SEM Scanning Electron Microscope — TFS Quattro S Environmental SEM	\$ 33.00	\$ 85.00	\$ 50.00	\$ 128.00	\$ 215.00	\$ 374.00
Transmission Electron Microscope — FEI Tecnai F20 G2 High Resolution Analytical TEM	\$ 49.00		\$ 73.00		\$ 301.00	

SURFACE ANALYSIS

Scanning Probe Microscope — Bruker Multimode Nanoscope III AFM	\$ 25.00	\$ 77.00	\$ 38.00	\$ 116.00	\$ 159.00	\$ 318.00
Variable-Angle Spectroscopic Ellipsometer — J.A. Woollam VASE	\$ 24.00	\$ 76.00	\$ 36.00	\$ 114.00	\$ 159.00	\$ 318.00
Scanning X-ray Photoelectron Spectroscopy — PHI VersaProbe 5000 XPS / UPS	\$ 32.00	\$ 84.00	\$ 48.00	\$ 126.00	\$ 235.00	\$ 444.00

SAMPLE PREPARATION

Optical Microscope — Nikon Eclipse ME600	\$ 10.00	\$ 62.00	\$ 15.00	\$ 93.00	\$ 97.00	\$ 256.00
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Included in the instrument access fees

Ion Sputtering, Coating, Etching & Polishing systems
Plasma Cleaner systems
General sample preparation supplies
Data analysis software access