

CCMR Shared Facility Rates - External/Industry for-profit Use

(FY27 rates - Effective July 1, 2026)

Some rates consist of a fixed charge plus an hourly rate or a minimum charge.

For-Profit Rate

Manager Labor Rate (charged in addition to instrument rates below for assisted use)	\$199.00 /hr
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Electron Microscopy

Arctica-S/TEM (pre-committed daily rate overrides hourly rate)	\$303.00/hr
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Krios-S/TEM	Please contact us for details
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Transmission Electron Microscopes

Andromeda, Kraken	\$583.00 /hr
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Titan	\$390.00 /hr
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Perseus, F200ci	\$303.00 /hr
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Scanning Electron Microscopes & Focused Ion Beams

Zeiss Gemini/Sigma, Tescan Mira	\$315.00 /hr
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Keck SEM	\$303.00 /hr
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Thermo-Helios-G4-UX-FIB	\$510.00 /hr
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Tescan-Xeus-Plasma-FIB	\$510.00 /hr
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<i>Xeus night rate</i>	<i>\$392.00 /hr</i>
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TEM Sample Preparation:

Allied Multiprep Polishers	\$118.50 /hr
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Allied TechCut5 Precision High Speed Saw	\$144.60 /use
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Leica Cryo- & Ultra- Microtomes	\$203.00 /hr
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Vibratory Polisher	\$144.60 /use
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Denton Desk V Coater (SEM prep)	\$44.30 /use
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Microscopy, Spectroscopy, Surface Analysis

Thermo Nexsa G2 XPS Surface Analysis System	\$379.00 /hr
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<i>Nexsa night rate</i>	<i>\$310.00 /hr</i>
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Keyence VK-X3000 3D Optical Surface Profilometer	\$151.50 /hr
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Asylum-MFP3D-Bio-AFM-SPM	\$174.00 /hr
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WITec-Alpha300R-Confocal-Raman-Microscope	\$219.00 /hr
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<i>WITec night rate</i>	<i>\$157.00 /hr</i>
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Renishaw InVia Confocal Raman Microscope	\$219.00 /hr
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3i-Marianias-Spinning-Disk-Confocal-Microscope	\$118.50 /hr
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Bruker Hyperion FT-IR Spectrometer & Microscope	\$224.00 /hr
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Bruker Vertex Vacuum FT-IR	\$224.00 /hr
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Cary 5000 UV Vis NIR Spectrometer		\$182.50 /hr
Edinburgh FLS1000 Fluorescence and Lifetime Spectrometer		\$182.50 /hr
JASCO 1500 CD Spectrometer		\$182.50 /hr

Soft Matter/Polymer Analysis

TA Instruments DHR3 Rotational Rheometer	\$108 +	\$71.59 /hr
Thermo Fisher Capillary Breakup Extensional Rheometer (CaBER)		\$144.25 /hr
Bruker Autoflex Max MALDI		\$341.00 /hr
Waters Ambient-Temperature GPC		\$125.00 /hr
Waters Ambient-Temperature Aqueous GPC		\$129.00 /hr
Waters Breeze DMF-GPC		\$125.00 /hr
TA-Instruments-TGA-5500		\$103.00 /hr
TA Instruments Auto 2500 Differential Scanning Calorimeter		\$123.50 /hr

X-Ray and Diffraction Analysis

Rigaku SmartLab X-Ray Diffractometer		\$174.00 /hr
Bruker D8 General Area Detector Diffraction System (GADDS)	\$27 +	\$193.00 /hr
Bruker D8 Powder Diffractometer		\$193.00 /hr
Multiwire Back-Reflection Laue Detector		\$288.00 /hr

Mechanical Properties Testing and Analysis

TA Instruments DMA Q800 Dynamic Mechanical Thermal Analysis (DMTA)	\$31.50 +	\$160.50 /hr
TA Instruments Q400EM Thermomechanical Analysis (TMA)		\$168.75 /hr
Micro Hardness Tester	\$15.50 +	\$20.50 /hr
Linkham Microscope Tensile Stage	\$100 +	\$11.33 /hr
ATM Sonic sifter		\$34.60 /hr

Thin Film Deposition, and Material Processing

Varian Thermal Bell Jar Evaporator Clark Hall		\$216.30 /use
Sputtering Deposition System		\$294.50 /use
KSV-NIMA-KN4010 Dip Coater	\$21 +	\$65.15 /hr
KSV-NIMA-KN2002 Langmuir Blodgett Trough	\$42 +	\$65.15 /hr
Laurell WS-400A Spin Coater	\$31.25 +	\$56.24 /hr
Omniculture 2000 UV Source		\$5.40 /hr

Heat Treating

Carbolite 1600C Vacuum Tube Furnace	\$13 +	\$9.73 /hr
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ovens, air furnaces, controlled atmosphere furnaces, etc.	\$13 +	\$8.10 /hr
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Electronic & Magnetic Measurements

Quantum Design Physical Property Measurement Systems (PPMS)	\$75 +	\$55.10 /hr
Quantum Design MPMS3 SQUID Magnetometer	\$75 +	\$68.10 /hr
Lakeshore Tabletop Magnetic-Cryogenic Probe System		\$42.60 /hr
Cascade CPS-06 Four Point Probe	\$19 +	\$53.00 /hr

Sample Preparation, Cutting, Polishing, etc.

Sample Prep

Enerpac Hydraulic Press		\$34.60 /hr
Buehler Simplemet II mounting press	\$20 +	\$34.60 /hr
Inert Gas Glove Box (+ monthly storage fee)		\$92.70 /use
Labstar-Pro-Glovebox-2D-Transfer-Station	\$48 +	\$29.20 /hr
Ball Mill		\$20.50 /hr
Spex 8000 MIXER /MILL	\$45 +	\$5.40 /hr
Perkin Elmer Evacuatable KBr Die	\$35 +	\$18.00 /hr
Fume Hood		\$15.45 /hr

Cutting/Cleaning/Polishing

Glass Bead Abrasive Unit (sand blasting)-Clark		\$54.00 /hr
SS White Sand Blasting Unit	\$32 +	\$54.00 /hr
Struers Rotopol		\$91.10 /hr

Welding/Bonding

WestBond-747630E Wire Bonder	\$15.50 +	\$41.10 /hr
TPT HB05 Manual Wire Bonder	\$15.50 +	\$41.10 /hr
Stationary Spot Welder (Hughes HRW250B)	\$25.80 +	\$2.15 /hr

Test Equipment Lending Library

(more info at <https://www.ccmr.cornell.edu/facilities/instruments/instrument-lending-library>)

Visit the library in D21 Clark Hall to see all instruments, rates, or to consult with staff)

8000-Varian-979-Helium-Leak-Detector	\$16 +	\$5.40 /hr
8003 Pfeiffer-ASM-340-Dry Helium Leak Detector	\$16 +	\$5.40 /hr
8001-8002 - Portable RGA Pump Stations (Extorr or SRS)	\$16 +	\$2.16 /hr
8010-8013 - Portable Turbo Pump Stations (Clark & Bard)	\$6 +	\$2.15 /hr
8020-8024 - Rough Pumps (Clark Hall)	\$6 +	\$0.42 /hr
8025-8026 - Rough Pumps - Scroll (Clark Hall)	\$6 +	\$0.64 /hr
9000, 9016 - Stanford Research SR844 RF Lock-in Amplifier	\$6 +	\$0.34 /hr
9001-9009, 9017 - Signal Recovery 7265 Lock-in Amplifiers	\$6 +	\$0.18 /hr
9019 - Zurich Instruments 50MHz HF2LI Lock-in Amplifier	\$6 +	\$0.76 /hr
9014, 9018 - Signal Recovery 7270 Dual Lock-in Amplifier	\$6 +	\$0.25 /hr
9023-9025 - Signal Recovery 5113 Preamplifiers	\$6 +	\$0.10 /hr

9026-9030 - Stanford Research SR560 Low Noise Amplifiers	\$6 +	\$0.10 /hr
9040-9045 - Agilent E3630A Triple Output Power Supplies	\$6 +	\$0.04 /hr
9060-9065 - Yokogawa 7651 DC Programmable Power Sources	\$6 +	\$0.14 /hr
9070 - Agilent 33250A 80MHz Arbitrary Waveform Generator	\$6 +	\$0.16 /hr
9072-9076 - HP 3325A Function Generators	\$6 +	\$0.07 /hr
9079 - Agilent 33250A-80MHz Arbitrary Waveform Generator	\$6 +	\$0.16 /hr
9080-9084 - Agilent E8257 PSG Analog Signal Generators	\$6 +	\$0.80 /hr
9085 - HP 8657B 2GHz Signal Generator	\$6 +	\$0.07 /hr
9091-9092 - Picosecond 10070A Pulse Generators	\$6 +	\$0.59 /hr
9107-9109 - Agilent 200MHz Digital Oscilloscopes	\$6 +	\$0.09 /hr
9112 - LeCroy 8500A Wavemaster Oscilloscope	\$6 +	\$0.80 /hr
9120 - Agilent 35670A 102kHz Dynamic Signal Analyzer	\$6 +	\$0.64 /hr
9121 - Agilent E5061A 1.5GHz Network Analyzer	\$6 +	\$0.22 /hr
9122 - Hewlett Packard 8753D 6GHz Network Analyzer	\$6 +	\$0.69 /hr
9123 - Agilent 8722ES Network Analyzer	\$6 +	\$0.80 /hr
9131 - Agilent E4408B 26.5GHz Spectrum Analyzer	\$6 +	\$0.80 /hr
9133 - Agilent 8563E Spectrum Analyzer	\$6 +	\$0.18 /hr
9141-9144 - FW Bell Hall Probes	\$6 +	\$0.07 /hr
9152 - FLIR TG267 Thermal Imager	\$6 +	\$0.07 /hr
9164-9167 Keithley Sourcemeters	\$6 +	\$0.20 /hr
9168-9169 Keithley Sourcemeters	\$6 +	\$0.16 /hr
9170-Andeen-Hagerling-2700A-Multi-frequency-Capacitance/Loss-Bridge	\$6 +	\$0.80 /hr
9171-Agilent-4284A-Precision-LCR-Meter	\$6 +	\$0.55 /hr
9180-9186 - National-Instruments USB-GPIB adaptors	\$6 +	\$0.03 /hr