

**OSU MICROSCOPY LABORATORY SERVICES AND CHARGES
COMMERCIAL USERS
(Effective September 1, 2026)**

EQUIPMENT RENTAL

JEOL JEM 2100 Transmission Electron Microscope (TEM)

Without Assistance (per hour)		\$75.00
With Assistance (per hour)		\$125.00
EDS X-ray Spectroscopy (per hour)	add	\$30.00

FEI Quanta 600 Scanning Electron Microscope (SEM)

Without Assistance (per hour)		\$75.00
With Assistance (per hour)		\$125.00
EDS X-ray Spectroscopy (per hour)	add	\$30.00

ThermoFisher Scios2 Dual Beam SEM/ Focused Ion Beam

Without Assistance (per hour)		\$75.00
With Assistance (per hour)		\$125.00
EDS X-ray Spectroscopy (per hour)	add	\$30.00
EBSD (per hour)	add	\$30.00
FIB (per hour)	add	\$30.00

Zeiss LSM980 Confocal Laser Scanning Microscope

Without Assistance (per hour)		\$75.00
With Assistance (per hour)		\$125.00

Leica SP8 Confocal Laser Scanning Microscope

Without Assistance (per hour)		\$75.00
With Assistance (per hour)		\$125.00

Asylum MFP3D Infinity Atomic Force Microscope

Without Assistance (per hour)		\$50.00
With Assistance (per hour)		\$100.00

Bruker D8 Advance XRD

Without Assistance (per hour)		\$75.00
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With Assistance (per hour)	\$125.00
Technician time (sample preparation-minimum 30 min, per hour)	\$50.00

Allied Multiprep Polisher

Without Assistance (per hour)	\$20.00
With Assistance (per hour)	add \$50.00

EQUIPMENT RENTAL

Gatan PIPSII Ion Mill (TEM sample prep)

Without Assistance (per hour)	\$30.00
With Assistance (per hour)	add \$50.00

Leica CM1900 Cryostat

Without Assistance (per hour)	\$60.00
With Assistance (per hour)	\$110.00

<u>Freeze Dryer</u> (per run)	\$50.00
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Training Charge / Technician time (per hour)	\$50.00
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SAMPLE PREPARATION

Scanning Electron Microscope

Fixation/Drying of Biological Samples by Microscopy Staff (up to 12 samples)	\$600.00
Chemicals only (User processes samples)	\$100.00
Critical Point Drying (per run)	\$80.00
Gold/Palladium OR Iridium Coating (per minute – minimum charge 1 minute)	\$60.00
Carbon Coating (per run)	\$60.00
Labor (per hour)	\$50.00

Transmission Electron Microscope

Fixation/Embedding of Biological Samples by Microscopy Staff (up to 12 samples)	\$600.00
Chemicals only (User processes samples)	\$100.00

SECTIONING

Thick Sectioning (per block)	\$50.00
Thin Sectioning (per block)	\$100.00
Cryo-Sectioning for TEM (per sample) \$100 setup	\$100.00/hr

Sample Section Staining (per grid)	\$45.00
Labor (per hour)	\$50.00

SUPPLIES

FIXATION CHEMICALS

Cacodylate Buffered Glutaraldehyde, 2% (per ml)	\$3.00
Osmium Tetroxide, 1% (per ml)	\$3.00
Cacodylate/Phosphate Buffer (per ml)	\$3.00
Glutaraldehyde, 10ml vial (8%, 10%, 25%)	\$30.00
Paraformaldehyde, 10ml vial (16%)	\$30.00

RESINS

Embed-812, Spurr's or LR White (per ml)	\$3.00
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TEM GRIDS AND GRID BOXES

Carbon Film Grid, 150 mesh (each)	\$10.00
Holey Carbon Film Grid, 200 mesh (each)	\$15.00
Lacey Carbon Film Grid, 200 mesh (each)	\$15.00
Grid Box, 50 grid capacity (each)	\$30.00

SEM SAMPLE STUBS AND STUB BOXES

Pin Type Aluminum Stub, 12mm (each)	\$3.00
Pin Type Carbon Stub, 12mm (each)	\$6.00
Aluminum Stub, 25mm (each)	\$10.00
Carbon Planchet, 25mm (each)	\$10.00
Storage Box, 4 pin stubs (each)	\$12.00

MICROSCOPE GLASS SLIDES/SLIDE BOXES

Slide Storage Box, 12 slides (each)	\$15.00
Slide Storage Box, 25 slides (each)	\$30.00

ATOMIC FORCE MICROSCOPY SUPPLIES

Cantilever (each)	varies
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Sample Disk

\$3.00