

CRYO-EM FACILITY CHARGES FOR ACADEMIC USAGE		INDUSTRIAL RATE
TEM/SEM OPERATION		
FEI Titan Krios	\$250/hour	\$380/hour
JEOL 2200FS	\$120/hour	\$180/hour
TEM (FEI T12, JEOL 2010)	\$80/hour	\$120/hour
FEI Helios HRSEM	\$80/hour	\$120/hour
FEI Helios FIB/SEM	\$120/hour	\$180/hour
JEOL SEM	\$25/ hour	\$40/ hour
Technical Service	\$80/hour (for labor)	\$120/hour (for labor)
TEM/SEM TRAINING		
TEM	\$500/day(lump sum) \$800/day(non-lump sum)	\$1200/day
JEOL SEM	\$150/half day	\$180/half day
Helios SEM	\$300/day	\$450/day
Helios SEM/FIB	\$800/day	\$12000/day
EM SAMPLE PREPARATION TRAINING		
Conventional TEM Sample Prep	\$300	\$450
Plunge Freezing	\$150	\$250
High-pressure freezing/freeze substitution	\$300	\$450
Sample embedding	\$50	\$75
Ultra-Microtomy	\$300	\$450
Staining	\$150	\$250
ANCILLARY EQUIMENTS		
Vitrobot	\$45/hour	\$70/hour
HPF (LN2 excluded)	\$45/hour	\$70/hour
Leica FS machine (LN2 excluded)	\$5/hour	\$10/hour
Ultra-Microtome	\$30/hour	\$50/hour
Critical Point Dryer	\$30/hour	\$50/hour
Gold Coating	\$30/hour	\$50/hour
Platinum Coating	\$30/hour	\$50/hour
Carbon Coating	\$15/hour	\$30/hour
CONSUMABLES		
Glutaraldehyde	\$30/vial	\$50/vial
Osmium tetra-oxide	\$50/vial	\$80/vial
Bare TEM Grids (x100)	\$50/vial	\$80/vial

APPENDIX

Currently available electron microscopes and their configuration:

1. FEI Titan Krios Cryo-TEM
300kV, FEG, 4k x 4k FEI-Falcon direct detector, Volta phase-plate and Gatan Tridiem GIF with 2k x 2k post-GIF Gatan CCD
2. JEOL 2200FS Cryo-TEM
200kV, FEG, Omega energy filter, Zernike phase-plate, DE-12 and Orius CCD
3. FEI Tecnai T12 TEM
120kV, LaB6, 4k x 4k Gatan Ultra-Scan CCD and Gatan Orius 2k x 2k
4. JEOL JEM 2010F TEM
200kV, FEG, 4k x 4k Gatan Ultra-Scan CCD and Gatan Orius 2k x 2k
5. JEOL SEM 6510 Tungsten Filament
6. Helios Dual Beam
FEG HRSEM and Focused Ion Beam, ETD and TLD detectors

The ancillary equipment

1. HPM 01 high pressure freezer
2. Leica freeze substitution machine
3. Vitrobot plunge freezer
4. Critical point drier (Auto)
5. Coater for gold (Au)/ Platinum (Pt) coating
6. Carbon coater
7. Embedding Oven
8. Ultra-Microtomes (Leica, Reichert)
9. Plasma cleaner/ Hydrophilic treatment device

Contact

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