



BILLING RATES - FY 24/25

DEPARTMENT NAME :

Electron Imaging & Analytical Services (Electron Microscope)

VICE-PRESIDENT AREA :

VP for Research

DESCRIPTION OF COMMODITY OR SERVICE :	UNIT OF BILLING	FY 24/25 RATE	CUSTOMERS BEING SERVED
Field Emission Scanning Electron Microscopy (FESEM SU8230/Regulus8230)	per hour	\$71.50	Internal
Field Emission Scanning Electron Microscopy (FESEM SU8230/Regulus8230)	per hour	\$82.50	External, non-profit
Field Emission Scanning Electron Microscopy (FESEM SU8230/Regulus8230)	per hour	\$175.00	Industry
Scanning Electron Microscopy, Variable Pressure SEM 3400	per hour	\$71.50	Internal
Scanning Electron Microscopy, Variable Pressure SEM 3400	per hour	\$82.50	External, non-profit
Scanning Electron Microscopy, Variable Pressure SEM 3400	per hour	\$175.00	Industry
Scanning Electron Microscopy, Variable Pressure SEM SU6600	per hour	\$71.50	Internal
Scanning Electron Microscopy, Variable Pressure SEM SU6600	per hour	\$82.50	External, non-profit
Scanning Electron Microscopy, Variable Pressure SEM SU6600	per hour	\$175.00	Industry
Scanning Electron Microscopy, Variable Pressure SEM SU5000	per hour	\$71.50	Internal
Scanning Electron Microscopy, Variable Pressure SEM SU5000	per hour	\$82.50	External, non-profit



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Scanning Electron Microscopy, Variable Pressure SEM SU5000	per hour	\$175.00	Industry
Scanning Electron Microscopy, Ultra-high resolution, SEM SU9000	per hour	\$71.50	Internal
Scanning Electron Microscopy, Ultra-high resolution, SEM SU9000	per hour	\$82.50	External, non-profit
Scanning Electron Microscopy, Ultra-high resolution, SEM SU9000	per hour	\$175.00	Industry
Scanning Electron Microscopy, Table Top SEM, TM3000	per hour	\$60.50	Internal
Scanning Electron Microscopy, Table Top SEM, TM3000	per hour	\$71.50	External, non-profit
Scanning Electron Microscopy, Table Top SEM, TM3000	per hour	\$140.00	Industry
Focused Ion Beam, Scanning Electron Microscopy, FIB/SEM, NB5000	per hour	\$71.50	Internal
Focused Ion Beam, Scanning Electron Microscopy, FIB/SEM, NB5000	per hour	\$82.50	External, non-profit
Focused Ion Beam, Scanning Electron Microscopy, FIB/SEM, NB5000	per hour	\$175.00	Industry



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Transmission Electron Microscopy (TEM), HT7830	per hour	\$71.50	Internal
Transmission Electron Microscopy (TEM), HT7830	per hour	\$82.50	External, non-profit
Transmission Electron Microscopy (TEM), HT7830	per hour	\$175.00	Industry
Transmission Electron Microscopy (TEM), H9500	per hour	\$71.50	Internal
Transmission Electron Microscopy (TEM), H9500	per hour	\$82.50	External, non-profit
Transmission Electron Microscopy (TEM), H9500	per hour	\$175.00	Industry
X-ray Photoelectron Spectroscopy (XPS), PHI Versaprobe-III	per hour	\$65.00	Internal
X-ray Photoelectron Spectroscopy (XPS), PHI Versaprobe-III	per hour	\$75.00	External, non-profit
X-ray Photoelectron Spectroscopy (XPS), PHI Versaprobe-III	per hour	\$175.00	Industry
Time-of-Flight Secondary Ion Mass Spectrometry (TOF-SIMS), PHI Nano-TOF-III	per hour	\$65.00	Internal
Time-of-Flight Secondary Ion Mass Spectrometry (TOF-SIMS), PHI Nano-TOF-III	per hour	\$75.00	External, non-profit



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Time-of-Flight Secondary Ion Mass Spectrometry (TOF-SIMS), PHI Nano-TOF-III	per hour	\$175.00	Industry
Porosimeter, Anton-Paar, Autosob iQ	per sample/per day	\$50.00	Internal
Porosimeter, Anton-Paar, Autosob iQ	per sample/per day	\$60.00	External, non-profit
Porosimeter, Anton-Paar, Autosob iQ	per sample/per day	\$150.00	Industry
EM Facility Staff help charges	per hour	\$35.00	Internal
EM Facility Staff help charges	per hour	\$35.00	External, non-profit
EM Facility Staff help charges	per hour	\$60.00	Industry

OTHER CASES / SPECIAL PROJECTS

H9500 TEM with heating stage	per hour	\$82.50	Internal
H9500 TEM with heating stage	per hour	\$93.50	External, non-profit



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DESCRIPTION OF COMMODITY OR SERVICE :	UNIT OF BILLING	FY 24/25 RATE	CUSTOMERS BEING SERVED
H9500 TEM with heating stage	per hour	\$325.00	Industry
NB5000 FIB/SEM, sample lift-out	per hour	\$71.50	Internal
NB5000 FIB/SEM, sample lift-out	per hour	\$82.50	External, non-profit
NB5000 FIB/SEM, sample lift-out	per sample	\$600.00	Industry
NB5000 FIB/SEM, using cryo-stage	per hour	\$71.50	Internal
NB5000 FIB/SEM, using cryo-stage	per hour	\$82.50	External, non-profit
NB5000 FIB/SEM, using cryo-stage	per hour	\$400.00	Industry
NB5000 FIB/SEM, EBSD Analysis	per sample/per run	\$100.00	Internal
NB5000 FIB/SEM, EBSD Analysis	per sample/per run	\$125.00	External, non-profit
NB5000 FIB/SEM, EBSD Analysis	per sample/per run	\$250.00	Industry



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SU6600 with cryo-stage	per hour	\$71.50	Internal
SU6600 with cryo-stage	per hour	\$82.50	External, non-profit
SU6600 with cryo-stage	per hour	\$263.00	Industry
SU5000, SU6600, S3400, EBSD analysis	per hour (4 hr.cap)	\$71.50	Internal
SU5000, SU6600, S3400, EBSD analysis	per hour (4 hr.cap)	\$82.50	External, non-profit
SU5000, SU6600, S3400, EBSD analysis	per sample/per run	\$600.00	Industry
Sample Polishing, full procedure	per sample	\$60.00	Internal
Sample Polishing, full procedure	per sample	\$60.00	External, non-profit
Sample Polishing, full procedure	per sample	\$60.00	Industry
Sample Polishing, vibratory polishing only	per sample	\$30.00	Internal
Sample Polishing, vibratory polishing only	per sample	\$30.00	External, non-profit



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Sample Polishing, vibratory polishing only	per sample	\$30.00	Industry
Sample Polishing, sample cutting only	per sample	\$10.00	Internal
Sample Polishing, sample cutting only	per sample	\$10.00	External, non-profit
Sample Polishing, sample cutting only	per sample	\$25.00	Industry
PHI XPS Versaprobe III Instrument - Automated mode	per hour	\$15.00	Internal
PHI XPS Versaprobe III Instrument - Automated mode	per hour	\$20.00	External, non-profit
PHI XPS Versaprobe III Instrument - Automated mode	per hour	\$40.00	Industry
TOF-SIMS, PHI Nano-TOF-III Instrument - Automated mode	per hour	\$15.00	Internal
TOF-SIMS, PHI Nano-TOF-III Instrument - Automated mode	per hour	\$20.00	External, non-profit
TOF-SIMS, PHI Nano-TOF-III Instrument - Automated mode	per hour	\$40.00	Industry