

ISU Chemical Instrumentation Facility
External Usage Charges – FY '10

This is a list of current prices for non-ISU, non-state institution, affiliated users, and effective 7/01/2009. These prices are approximately 3.0 times higher than the internal ISU rates, as determined by an analysis of all costs, including overhead. (Rates for state-sponsored colleges and universities are 1.5 times higher than internal rates.) In general, instrument usage is charged "by the hour". In some cases the rate decreases after several hours of continuous use to accommodate long-term data acquisitions. For some instruments, charges are computed differently. The charge for the elemental analyzer is "per run". X-ray data sets collected and solved by the crystallographer are charged "per structure". The charge for "direct staff time" relates to samples submitted for analysis when training and student operation are the norm, and all other services not defined in the rate structure.

Magnetic Resonance

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|----------------------------|--------------|---------------------------------|
| AVANCE-600 | \$37.80 / hr | (\$11.10 /hr after two hours) |
| DRX-400 | \$36.30 / hr | (\$14.20 /hr after three hours) |
| VXR-300 | \$27.60 / hr | (\$11.10 /hr after three hours) |
| VXR-400 | \$27.60 / hr | (\$11.10 /hr after three hours) |
| ER-200 (EPR) | \$63.00 / hr | |
| data processing | \$70.95 / hr | |
| DMX-500 (BNMR Facility) | \$36.00 / hr | |
| AVANCE-700 (BNMR Facility) | \$39.00 / hr | |

Mass Spectrometry

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|------------------------|--------------|------------------|
| TSQ-700 MS-MS | \$59.25 / hr | (staff operated) |
| MS-50 MS | \$59.25 / hr | (staff operated) |
| Magnum ITD GC-MS | \$28.50 / hr | |
| Proflex DE MALDI | \$59.25 / hr | |
| Micromass GC TOF GC-MS | \$59.25 / hr | |
| Shimadzu LC-MS | \$59.25 / hr | |
| LCQ LC-MS-MS | \$59.25 / hr | |

Spectrophotometry

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|------------------|--------------|--|
| IFS 66-V (FT-IR) | \$31.50 / hr | |
| HP8453 (UV-Vis) | \$31.50 / hr | |
| Jasco J-710 (CD) | \$63.00 / hr | |

Elemental Analysis

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|----------------|-------------------------|--|
| PE2400 (CHN/S) | \$36.00 per run (CHN) | |
| | \$51.00 per run (CHN/S) | |

X-Ray Crystallography

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|------------------|--------------|---------------------------------|
| APEX II | \$31.50 / hr | (\$15.60 / hr after four hours) |
| Scintag (powder) | \$23.70 / hr | |

X-Ray Structure Solution (includes data collection)

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|---|-------|--|
| Complete "routine" structure solution | \$345 | |
| Complete "non-routine" structure solution | \$480 | |

Electronic Design and Direct Staff Time

\$70.95 / hr

Inquiries should be directed to:

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