

**ISU Chemical Instrumentation Facility**  
**Usage Charges – F.Y '10**

This is a list of current prices for ISU users, effective 07/01/2009. 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 (where training and student operation are the norm), diagnosis and repair of faculty owned instrumentation, and all other services not defined in the rate structure.

**Magnetic Resonance**

AVANCE-600	\$13.10 / hr	(\$3.85 /hr after two hours)
DRX-400	\$12.60 / hr	(\$4.95 /hr after three hours)
VXR-300	\$ 9.60 / hr	(\$3.85 /hr after three hours)
VXR-400	\$ 9.60 / hr	(\$3.85 /hr after three hours)
ER-200 (EPR)	\$21.80 / hr	
data processing	no charge	
DMX-500 (BNMR Facility)	\$12.00 / hr	(plus operator at \$16.75/hr)
AVANCE-700 (BNMR Facility)	\$13.00 / hr	(plus operator at \$16.75/hr)

**Mass Spectrometry**

TSQ-700 MS-MS	\$20.50 / hr	(staff operated)
MS-50 MS	\$20.50 / hr	(staff operated)
Magnum ITD GC-MS	\$ 9.90 / hr	
Proflex DE MALDI	\$20.50 / hr	
Micromass GC-TOF-MS	\$20.50 / hr	
Shimadzu LC-MS	\$20.50 /hr	
LCQ LC-MS-MS	\$20.50 /hr	

**Spectrophotometry**

IFS 66-V (FT-IR)	\$10.90 / hr
HP8453 (UV-Vis)	\$10.90 / hr
Jasco J-710 (CD)	\$21.85 / hr

**Elemental Analysis**

PE2400 (CHN/S)	\$12.50 per run (CHN)
	\$17.50 per run (CHN/S)

**X-Ray Crystallography**

APEX II	\$10.90 / hr	(\$5.45 / hr after four hours)
Scintag (powder)	\$ 8.20 / hr	

**X-Ray Structure Solution (includes data collection)**

Complete "routine" structure solution	\$120
Complete "non-routine" structure solution	\$165

**Electronic Design and Direct Staff Time**

\$24.60 / hr

**Inquiries should be directed to:**

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