

ISU Chemical Instrumentation Facility
External Usage Charges – FY '17

This is a list of current prices for non-ISU, non-state institution, affiliated users, and effective 7/01/2016. These prices are approximately 3.0 times higher than the internal ISU rates. Rates for state-sponsored colleges and universities are 1.5 times higher than internal rates. Collaborative outreach projects are billed at the internal rate. 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

AVANCE II 600 (solids)	\$45.00 / hr	(\$21.00 /hr after two hours)
AVANCE II 600 (cryoprobe)	\$60.00 / hr	(\$24.00 /hr after two hours)
AVANCE III 600 (solution)	\$36.45 / hr	(\$14.25 /hr after three hours)
DRX-500	\$40.50 / hr	(\$15.90 /hr after three hours)
DRX-400	\$39.00 / hr	(\$15.00 /hr after three hours)
MR-400	\$39.60 / hr	(\$15.60 /hr after three hours)
E580 (EPR)	\$54.00 / hr	
Data processing	\$90.00 / hr	

Mass Spectrometry

Agilent 6540 QTOF LCMS	\$90.00 / hr	(staff operated)
Agilent 5973 GC-MS	\$30.00 / hr	
Micromass TOF GC-MS	\$64.50 / hr	
Shimadzu LC-MS (per injection use)	\$22.95	
LCQ LC-MS-MS	n/a	
Agilent Prep-HPLC (additional charges apply)	\$33.00 / hr	

Spectrophotometry

Tensor 37 (FT-IR)	\$34.35 / hr	
HP8453 (UV-Vis)	\$30.90 / hr	
Cary 100 Bio (UV-Vis)	\$34.35 / hr	
Jasco J-710 (CD)	\$61.98 / hr	

Elemental Analysis

PE2400 (CHN/S)	\$39.00 per run (CHN)	
	\$55.50 per run (CHN/S)	

X-Ray Crystallography

APEX II	\$34.35 / hr	(\$17.25 / hr after six hours)
SMART-1000	\$30.00 / hr	(\$15.00 / hr after six hours)
Rigaku Ultima (powder)	\$51.30 / hr	
Scintag (powder)	\$45.90 / hr	

X-Ray Structure Solution (includes data collection)

Complete "routine" structure solution	\$337.50	
Complete "non-routine" structure solution	\$472.50	

Other

Netsch TGA/DSC-IR/MS	\$45.00 / hr	
Micromeritics ASAP 2020 (BET)	\$33.00 / hr	
MicroCal VPITC (micro calorimetry)	\$8.10 / hr	
Malvern Zetasizer DLS (particle size)	\$30.00 / hr	
Direct Staff Time	\$90.00 / hr	

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