

ISU Chemical Instrumentation Facility
Usage Charges – F.Y '18

This is a list of current prices for ISU users, effective 08/01/2017. In general, instrument usage is charged "by the hour". For some instruments, charges are computed differently. 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 II 600 (solids)	\$13.50/ hr	(\$6.30 /hr after three hours)
AVANCE II 600 (cryoprobe)	\$20.00/ hr	(\$8.00 /hr after three hours)
AVANCE III 600 (solution)	\$11.50 / hr	(\$4.50 /hr after three hours)
DRX-500	\$13.50/ hr	(\$5.30 /hr after three hours)
DRX-400	\$13.00 / hr	(\$5.00 /hr after three hours)
MR-400	\$13.20 / hr	(\$5.20 /hr after three hours)
E580 (EPR)	\$18.00 / hr	(\$9.00 /hr after six hours)
Data processing	no charge	

Mass Spectrometry

Agilent 6540 QTOF LCMS	\$30.00 / hr	(staff / student operated)
Agilent 5973 GC-MS	\$10.00 / hr	
Micromass GC-TOF-MS	\$21.50 / hr	
Micromass Pyrolysis GC-TOF-MS	\$30.00 / hr	
Shimadzu LC-MS (per injection use)	\$7.65	
LCQ LC-MS-MS	n/a	
Agilent Prep-HPLC (additional charges apply)	\$11.00 / hr	

Spectrophotometry

Tensor 37 (FT-IR)	\$11.45 / hr	
HP8453 (UV-Vis)	\$10.30/ hr	
Cary 100 Bio (UV-Vis)	\$11.45 / hr	
Jasco J-710 (CD)	\$20.66 / hr	

Elemental Analysis

PE2400 (CHN/S)	\$13.00 per run (CHN)	
	\$18.50 per run (CHN/S)	

X-Ray Crystallography

APEX II	\$11.45 / hr	(\$5.75 / hr after six hours)
VENTURE D8	\$12.00 / hr	(\$3.00 / hr after four hours)
Rigaku Ultima (powder)	\$15.40 / hr	

X-Ray Structure Solution (includes data collection)

Complete "routine" structure solution	\$112.50	
Complete "non-routine" structure solution	\$157.50	

Other

Netsch TGA/DSC-IR/MS	\$15.00 / hr	
Micromeritics ASAP 2020 (BET)	\$11.00 / hr	
MicroCal VPITC (micro calorimetry)	\$2.70 / hr	
Malvern Zetasizer DLS (particle size)	\$10.00 / hr	
Direct Staff Time	\$30.00 / hr	

Inquiries should be directed to:

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