



Missouri S&T Department of Chemistry  
Shared Instrument Laboratory

Schedule of Standard Fees  
for Instrument Usage

The Department of Chemistry operates a Shared Instrument Laboratory that is available to users both within and outside the campus community. Instrument training is available, after which users can operate the equipment and do analyses on their own; analyses can also be obtained as a service. For more details, visit <https://chem.mst.edu/research/depart-instr/shared-instr/> or contact the lab director, Dr. Nathan Leigh ([leighn@mst.edu](mailto:leighn@mst.edu)).

### Standard Usage Fees

| <b>Instrument</b>  | <b>Standard Rate<br/>(per hour)<sup>(1)</sup></b> |
|--|---|
| Cary 5000 UV-visible spectrometer <sup>(3)</sup>                       | \$18.00   |
| Cary 50 UV-visible spectrometer <sup>(3)</sup>                         | \$12.00   |
| Edinburgh Instruments FS5 spectrofluorimeter <sup>(3)</sup>            | \$18.00   |
| Thermo Nicolet iS50 FTIR   | \$22.00   |
| Jasco P-2000 polarimeter   | \$10.00   |
| Magritek Spinsolve Carbon NMR <sup>(4)</sup>                           | \$10.00   |
| Thermo Vanquish HPLC <sup>(5)(6)</sup>                                 | \$25.00   |
| Shimadzu QP-2020 GCMS <sup>(6)</sup>                                   | \$33.00   |
| Varian CP-3800 GC <sup>(6)</sup>                                       | \$12.00   |
| TA Instruments Q500 thermogravimetric analyzer <sup>(7)</sup>          | \$18.00   |
| TA Instruments Q2000 differential scanning calorimeter <sup>(7)</sup>  | \$20.00   |
| Exeter Analytical CE-440 CHN analyzer                                  | \$35.00   |
| Sartorius ME5 microbalance <sup>(8)(9)(10)</sup>                       | \$5.00  |
| Abbe Mk II refractometer <sup>(9)(10)</sup>                            | \$5.00  |
| Electrothermal melting point apparatus <sup>(9)(10)</sup>              | \$5.00  |
| Johnson Matthey magnetic susceptibility balance <sup>(9)(10)(11)</sup> | \$5.00  |
| Kern full-circle polarimeter <sup>(9)(10)</sup>                        | \$5.00  |
| Dymax UV curing oven   | \$10.00   |
| Assisted use of instruments <sup>(2)</sup>                             | \$25.00   |

## Notes

- 1) The standard rate applies to academic, government, and other non-commercial users who have been trained to use the instruments. The commercial rate is 2.5 times the standard rate.
- 2) The assisted use fee is charged in addition to the standard rate whenever lab personnel provide formal and substantive help to a user (trained or untrained) who is present in the lab, or when lab personnel perform analysis as a service.
- 3) Users provide their own cuvettes, unless other arrangements are made in advance.
- 4) Users provide samples in their own tubes, unless other arrangements are made in advance.
- 5) Users provide their own column and eluents unless other arrangements are made in advance.
- 6) Users prepare their own samples in compatible sample vials unless other arrangements are made in advance.
- 7) Users provide their own sample pans unless other arrangements are made in advance.
- 8) There is no separate charge for the microbalance when it is used to prepare samples for TGA, DSC, or CHN analysis.
- 9) Training for this instrument is brief and will be provided as part of the user's first session; users trained on the TGA, DSC, or CHN analyzers also receive training on the microbalance.
- 10) This minimal, provisional usage fee has not yet been reviewed by the OSP.
- 11) It is recommended that users provide their own sample tubes.

## Policies and Details to Keep in Mind

1. All use is subject to instrument availability (and personnel availability where applicable).
2. Instrument time is reserved and billed in half-hour increments; reservations are required for use.
3. Users will be charged for their reserved time plus any additional time used.
4. Business hours are 8am-5pm. Cancellations made at least two business hours before the reservation slot will not incur charges. Cancellations made less than two business hours in advance, as well as "no shows", will result in a user charge at half the rate for any time that the instrument spends idle during your reservation period.
5. Out-of-department users do not have access to the lab outside of business hours. Details of how to obtain card swipe access to the lab are found at the web address listed above.