

# Chemical and Biomolecular Engineering (CBE) Department at Tulane University Current Rates for Thermal Analysis (2025)

| HP-TGA and HP-TGA MS Rates (PER Sample) |          |          |                        |
|-----------------------------------------|----------|----------|------------------------|
|                                         | Internal | External | External<br>for Profit |
| TGA                                     | \$16.00  | \$32.00  | \$60.00                |
| HP_TGA (Regular)*^                      | \$30.00  | \$70.00  | \$100.00               |
| HP_TGA^                                 | \$40.00  | \$80.00  | \$110.00               |
| HP_TGA (Regular)^*_MS                   | \$50.00  | \$90.00  | \$120.00               |
| HP_TGA_MS^                              | \$60.00  | \$100.00 | \$130.00               |
| Operator Fee                            | \$20.00  | \$20.00  | \$20.00                |
| Consultation Fee                        | \$20.00  | \$20.00  | \$20.00                |

- New users must register via facility online manager which can be found in the link, <https://www.instrumentschedule.com/fom/welcome?lid=0243>. Please contact Dr. Alexis Blanco (he/him) at [ablanco1@tulane.edu](mailto:ablanco1@tulane.edu) for instructions on registration.
- If training is needed, training is based on operator fee + category fee (external only). Training is broken into multi-session. Please contact Dr. Alexis Blanco for more details on training.
- Sampling done by operator is also the operator fee + category fee.
- Consulting is charged only for written report or special sample preparation.
- HP-TGA is a Waters HP-TGA75
- \*If the HP-TGA is being used as regular TGA without high pressure.
- **^Samples will be run by operator until user is fully trained and PI signs form stating that if the instrument breaks due to user error, they will pay for replacement parts and installation by TA Instruments; see below (~\$6000 for replacement and installation). Operator fee will be added to “per sample” if operator must run samples.**

- HP-TGA can go up to 1100C and 80 bar (gas dependent).
- HP-TGA has nitrogen, air, and CO<sub>2</sub>. One can provide their own tank for use on the instrument if there is space available for more tanks in the room (Dr. Blanco needs to approve).
- Some consumables will be at the user's cost. This includes pans for HP-TGA, sample holder for TGA, certain gases, etc. (please ask Dr. Blanco for any specific needs).

## **Disclaimer, Please Sign Before Using Instrument (HPTGA)**

**If the instrument is broken due to user error, an investigation will be done to determine the level of repairs needed. Once the estimate has been completed, a quote will be sent to the PI of the student with the total cost of the repairs and replacement parts. This cost is at an estimate of \$6000 USD.**

**Please Fill in Below**

**Name:** \_\_\_\_\_

**Department/Organization:** \_\_\_\_\_

**Date:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**By signing you agree that you have properly read the rates for the instrument above. You also agree that once your students are using the instrument, in the event a user error occurs, which causes the instrument break, you will be charged the full cost of the replacement.**