

## 化工系\_進階式熱重分析儀 (TGA 550/ TA) 使用申請單

使用日期：西元年/月/日 \_\_\_\_\_

時間: ☐ 09:00~17:00 ☐ 上午 09:00~12:00 ☐ 下午 13:30~17:00 ☐ Other \_\_\_\_\_

樣品成分：\_\_\_\_\_ [請確定樣品不含鹵素和酸鹼蒸氣]

溫度：RT~ \_\_\_\_\_℃ (最高溫度之限制：950 ℃)

反應氣體：☐ N2 ☐ Air ☐ Other \_\_\_\_\_

請自備樣品盤：☐ 白金盤 ☐ 陶瓷盤 [本實驗室不外借樣品盤]

1. 願遵守精密儀器及常用設備管理辦法。 借用人簽名：\_\_\_\_\_
2. 儀器如有損壞，願意負責修復。 指導教授簽名：\_\_\_\_\_
3. 儀器負責老師意見：\_\_\_\_\_ 儀器負責教授簽名：\_\_\_\_\_
4. 外系或外校申請者，交至系辦請化工系系主任核章 (E2-200)：\_\_\_\_\_

## 化工系\_進階式熱重分析儀(TGA 550/ TA) 使用核准單

使用日期：西元年/月/日 \_\_\_\_\_

時間: ☐ 09:00~17:00 ☐ 上午 09:00~12:00 ☐ 下午 13:30~17:00 ☐ Other \_\_\_\_\_

借用人簽名：\_\_\_\_\_

1. 請閱讀精密儀器及常用設備管理辦法。
2. 開機前先在儀器使用記錄簿上登記基本資料，實驗結束後請填寫結束時間。未登記即開機使用，經發現後，即停止其使用權利三個月。
3. 實驗條件最高溫度不得高於 950 ℃。
4. 儀器維修基金如下：  
本系: NT\$800/天，NT\$400/半天  
外系: NT\$3,000/天，NT\$800/半天  
校外: NT\$4,600/天，NT\$2000/半天  
限本系實驗室，每年度繳滿 20,000 元者，則該年度內不需再行繳交。
5. 如遇預約時間因故無法前來使用，需於24小時前通知技術員，否則即取消該次使用權利，並縮短其往後登記使用該儀器之最長期限。

\*本儀器目前負責之技術員為\_\_\_\_\_ (E2-100)

\*本儀器目前負責之老師為\_\_\_\_\_ 曾堯宣 (E2-811)

## 化工系\_進階式熱重分析儀 (TGA 550 / TA) 使用申請單

Registration form for Thermogravimetric analyzer (TGA 550 / TA)

Using date (Month/Date/Year): \_\_\_\_\_

Using time: ☐ 09:00~17:00 ☐ Morning 09:00~12:00 ☐ afternoon 13:30~17:00 ☐ Other

**Sample main component:** \_\_\_\_\_

[Please ensure that no vapors such as halogen, acid or alkalic will be formed during operation]

**Temperature:** RT - \_\_\_\_\_ °C (The max. Temperature: 950°C)

**Gas:** ☐ N2 ☐ Air ☐ Other \_\_\_\_\_

**Self-prepared sample cell:** TGA550 Platinum

1. I will follow all the regulations and instructions of the instrument.

User's signature: \_\_\_\_\_

2. I am willing to take the repairing responsibility if the instrument is damaged.

Advisor's Signature: \_\_\_\_\_

3. Signature of the professor-in-charge (E2-811) \_\_\_\_\_

4. Signature of the chairman of the **Chemical Engineering Department (E2-200)** : \_\_\_\_\_

(Required for applicants from departments/institutions other than Chemical Engineering)

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## 化工系\_進階式熱重分析儀(TGA 550 / TA) 使用核准單

Usage Permission for Thermogravimetric analyzer (TGA 550/ TA)

Using date (Month/Date/Year): \_\_\_\_\_

Using time: ☐ 09:00~17:00 ☐ Morning 09:00~12:00 ☐ Afternoon 13:30~17:00 ☐ Other

User's signature: \_\_\_\_\_

1. Please carefully read the instrument manuals and the regulations before the usage.

2. Be sure to take a record of the usage in the register before operating the instrument.

3. Rates for instrumentation usage:

(1) Ch.E., NTUST users: 800 NT dollars/ day, Maximum charges for an academic year: 20,000 NT dollars. NO registration will be allowed if the charged fees of the previous year are not paid off within the first two months of the new academic year.

(2) Users from other NTUST departments: 3,000 NT dollars/ day.

(3) Users from other institutions: 4,600 NT dollars/ day.

4. DO inform the technician within 24 hours of the scheduled time if you want to cancel the reservation. Otherwise you will still be charged.

\*Technician \_\_\_\_\_ ( E2-100 )

\*Professor-in-charge Yao-Hsuan Tseng 曾堯宣 ( E2-811 )