

## 化工系熱示差掃描卡量計(Jade DSC) 使用申請單

No. \_\_\_\_\_

日期： 年 月 日 時至 年 月 日 時

實驗條件：

溫度：\_\_\_\_\_到\_\_\_\_\_℃

(最高溫度之限制：450℃，壓力 20 psi)

氣體：☐ N<sub>2</sub> ☐ 其他

自備零件及樣品： Sample panels

樣品種類\_\_\_\_\_狀態(固體或液體)\_\_\_\_\_

裂解溫度(附 TGA 數據原始圖)\_\_\_\_\_

特殊性質(如腐蝕性等)\_\_\_\_\_

1. 願遵守精密儀器及常用設備管理辦法。借用人：\_\_\_\_\_
2. 儀器如有損壞，願意負責修復。 指導教授：\_\_\_\_\_
3. 儀器負責老師意見：
4. 技術員意見：(借用人此次申請，應繳儀器維修基金 \_\_\_\_\_元  
借用人本年度累計應繳 \_\_\_\_\_元)
5. 外系或外校申請者請系主任簽名：\_\_\_\_\_

## 化工系熱示差掃描卡量計(DSC) 使用核准單

No. \_\_\_\_\_

日期： 年 月 日 時至 年 月 日 時

- 1.請閱讀精密儀器及常用設備管理辦法。借用人：\_\_\_\_\_
- 2.開機前先在儀器保養維護記錄簿上登記。
- 3.消耗性器材(紙、探針、氣體...等)由系採購，再由使用者所登記之耗損比例分擔。
- 4.實驗條件以正常實驗條件為限，最高溫度及最高壓力不得高於設限。維持最高溫度之時間不得超過十分鐘。
- 5.氣體如用其他，需先填寫核准。
- 6.自87年3月1日起，每次申請儀器使用一天，本系使用者需繳儀器維修基金 1,000 元(本系、本校外系及校外研究單位之收費比例為1:2:5)，一年度繳滿 20 次總計達 20,000 元者，則該年度內不需再行繳交。關於儀器維修基金之繳交，本系使用者得於次一年度開始之兩個月內繳清，未繳清前，不得再借用該儀器。
- 7.於使用時間內如超過 24 小時不使用，應通知技術員，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士為\_\_\_\_\_蘇文怡\_\_\_\_\_

\*本儀器目前負責之老師為\_\_\_\_\_黃炳照\_\_\_\_\_

化工系熱示差掃描卡量計(Jade DSC) 使用申請單  
Registration form for Differential scanning Calorimeter (Jade DSC)

No. \_\_\_\_\_

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

Registration time: \_\_\_\_\_

Analysis details: **Sample Type:** \_\_\_\_\_ **State:** \_\_\_\_\_ (Solid or Liquid)

**Temperature:** \_\_\_\_\_ - \_\_\_\_\_ °C (The max. Temperature: 450°C, Pressure: 20 psi)

**Gas:** ☐ N<sub>2</sub> ☐ Others

Essentials self-prepared by the user: **Sample Panels, Special gas, TGA Data**

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. Comments from the professor-in-charge:

4. Comments from the instrument technician: (usage fee to be charged: NT \_\_\_\_\_ dollar.)

(Accumulated charged usage-fees of this academic year: NT \_\_\_\_\_ dollar.)

5. Signature of the chairman of the Chemical Engineering Department:

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

化工系熱示差掃描卡量計(DSC) 使用核准單  
Usage Permission for Differential scanning Calorimeter (Jade DSC)

No. \_\_\_\_\_

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

Registration time: \_\_\_\_\_

User name: \_\_\_\_\_

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. Consumption goods, such as paper and pens, will be provided by the department with the fee shared by all the users and charged to each user based on the accumulated usages.

4. Rates for instrumentation usage:

(1) Ch.E., NTUST users: 1000 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: 2000 NT dollars/day

(3) Users from other institutions: 5000 NT dollars/day.

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

\*Professor-in-charge Bing-Joe Hwang 黃炳照 (E2-511)

\*Technician Wen-yi Su 蘇文怡 (E2-100)