

化工系高壓氣體吸附量測儀(BELSORP HP)使用申請單

申請使用時間：(month/date): From: _____ to: _____

實驗條件：樣品成份：_____ 樣品數量：_____

☐比表面積(BET analysis)

☐吸脫附曲線(Adsorption / desorption curve)

Degas Temp: _____ °C (100~400 °C)

Adsorption gas: ☐N₂ ☐H₂

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.儀器負責老師簽名：_____ 簽名：_____

4.外系或外校申請者請化工系系主任簽名：_____

化工系高壓氣體吸附量測儀(BELSORP HP)使用核准單(No.93)

核准使用時間： 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.使用前先在儀器保養維護記錄簿上登記。

3.分析氣體由系採購再由使用者按登記使用時間比例分擔。

4.樣品管 (sample holder) 使用損壞，由損壞者負責賠償。

5.費用：本系使用者：每次申請儀器使用一天，需繳儀器維修基金**500元**，一學期年繳滿**20,000元**者，則該學年內不需再行繳交。關於儀器維修基金之繳交，本系使用者得於次一學年開始之兩月內繳清，未繳清前，不得再借用該儀器。本系委測樣品每天**1,100元**，校內外系每天**1,500元**(超過一天加收**500元/小時**)，校外研究單位**每件3,000元**(超過一天加收**500元/小時**)，校外營利機構**每件4,500元**(超過一天加收**600元/小時**)。

6.預約期間若超過**24小時**不使用，應通知技術員，以增加儀器使用效率並減免使用費。

[注意：樣品請於借用日前一晚先行乾燥，以減少脫氣(degassing)時間。]

*本儀器目前負責之技士為鄭郁璇 (E2-100)

*本儀器目前負責之老師為胡哲嘉 (E2-610)

化工系高壓氣體吸附量測儀(BELSORP HP)使用申請單

Application form for high-pressure gas adsorption measuring system

Using of experiment: (Month/date): From: _____ to: _____

Sample material: _____ Number of samples: _____

Check the item needed:

☐ Surface specific surface area (BET analysis)

☐ Adsorption / desorption curve

Degas Temp: _____ °C (100~400 °C)

Adsorption gas: ☐ N₂ ☐ H₂

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: _____ Signature: _____

4. Signature of the chairman of the Chemical Engineering Department : _____
(Required for applicants from departments/institutions other than Chemical Engineering)

化工系表面積及孔徑分析儀(BELSORP HP)使用核准單(No.93)

Permission Notice for high-pressure gas adsorption measuring system

Scheduled usage (Month/Date): _____

Scheduled usage 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. Rates for instrumentation usage:
4. Rates for instrumentation usage:
 - (1) Ch.E., NTUST users: 500 NT dollars/day (Unqualified 1,100 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: 1,500 NT dollars/day. (Over 500 NT dollars/ hr.)
 - (3) Users from other research institutions: 3,000 NT dollars/day. (Over 500 NT dollars/ hr.)
 - (4) Users from other institutions: 4,500 NT dollars/day. (Over 600 NT dollars/ hr.)
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.

[Notice : Please dry the sample to remove the water (>120 °C) before using date.]

Technician for BET: _____ Nicole Cheng 鄭郁璇 (E2-100)

Professor-in-charge for BET: _____ Chechia Hu 胡哲嘉 (E2-610)