

固體表面界達電位分析儀(SurPASS3)使用申請單

使用日期(年/月/日/時): \_\_\_\_\_

使用時間(時): \_\_\_\_\_

實驗條件：欲測條件： Zeta potential     IEP     PH scan     Dosage

樣品種類：

溶液樣類：

自備器材：洗滌瓶(DI 水), 拭鏡紙, 廢液杯, 電解質溶液(KCl solution), 雙面膠等

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. 技術員意見：    簽名：\_\_\_\_\_

4. 儀器負責老師意見：    簽名：\_\_\_\_\_

5. 外系或外校申請者請系主任簽名： \_\_\_\_\_

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使用日期(年/月/日/時): \_\_\_\_\_

使用時間(時): \_\_\_\_\_

借用人：\_\_\_\_\_

1. 請閱讀精密儀器及常用設備管理辦法。

2. 使用前先在儀器保養維護記錄簿上登記。

3. 消耗性器材 ( 如: 紙、筆、氣體...等 ) 由系採購，再由使用者按登記使用時間比例分擔。

4. 若使用 KCl 以外之其他電解質溶液，需事先經技術員同意。**※禁止使用有機溶劑量測。**

5. 本系使用者繳儀器維修基金：300 元/小時，一年繳滿 20000 元者，則該年內不需再行繳交。校內外系：1000 元/小時。校外研究單位：2000 元/小時，校外非研究單位：2500 元/小時。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。

6. 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。

7. 嚴禁自行移動儀器之任何元件，由技術員操作。違者，禁止再使用該儀器。

\* 本儀器目前負責之技士為 鄭郁璇 暫代 (E2-100)

\* 本儀器目前負責之老師為 葉禮賢 (E2-513)

## Registration form for "SurPASS3" spectrometry

Scheduled date (M/D/Y): \_\_\_\_\_ Usage time(hr): \_\_\_\_\_

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

Analysis model :  Zeta potential       IEP       PH scan       Dosage

Experiment detail : sample composition/solvent

Essentials self-prepared by the user:

Wash bottle, Waste Beaker, Kimwipes, electrolyte solution(KCl solution)

1. I will follow all 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 instrument technician: signature: \_\_\_\_\_

4. Comments from the professor-in-charge: signature: \_\_\_\_\_

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

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

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## Registration form for "SurPASS3" spectrometry

Scheduled usage (M/D/Y): \_\_\_\_\_ 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. 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. If you use solution other than KCl, the technician must agree in advance. **✗No organic solvents.**

5. Rates for instrumentation usage:

(1) Ch.E., NTUST users: 300 NT/hr. Maximum charges for an academic year: 20000 NT.

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: 1000 NT/ hr.

(3) Users from other institutions: 2000 NT (research unit)/2500 NTD (industry) dollars/hr.

6. 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 for SurPASS3 Li-Hsien Yeh/葉禮賢 ( E2-513 )

\* Technician for SurPASS3 Ms. Cheng /鄭郁璇 暫代 ( E2-100 )