

粒徑暨界達電位分析儀(ELSZ-2000)使用申請單

使用日期(年/月/日)：_____

使用時間(時)：_____

實驗條件：欲測條件：☐ Zeta potential ☐ 粒徑

樣品成分：

溶液種類：

自備器材：洗滌瓶(水 or 酒精)、拭鏡紙、廢液杯、取樣品的吸管及注射針筒等

Cuvette (非有機溶劑可用 PP 材質，有機溶劑請用玻璃材質)

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|-------------------------|------------|
| 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(化工系)簽名： | _____ |

粒徑暨界達電位分析儀(ELSZ-2000) 使用核准單

使用日期(年/月/日)：_____

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、探針、氣體...等)由系採購，再由使用者按登記使用時間比例分擔。
4. 實驗以正常實驗條件為限，參數設定不得高於儀器設限。電位量測不能使用水及醇類以外之其他溶液。
5. 本系使用者需繳儀器維修基金：500 元/天，一年繳滿 20000 元者，則該年內不需再行繳交。
校內外系：粒徑/界達電位 800/1000(元/時)。校外研究單位：1000/1500(元/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。

* 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 曾堯宣 老師 (E2-811)

Registration form for ELSZ-2000 Analyzer

Scheduled date (M/D/Y): _____

Usage time: _____

Analysis model : ☐ Zeta potential ☐ Particle size

Experiment detail :

sample composition :

solvent :

Essentials self-prepared by the user:

Wash bottle, Dropper, Beaker, Kimwipes, Cuvette and needles(water solution use PP cuvette, organic solvent use glass cuvette)

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 Chemical Engineering Department :

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

Registration form for ELSZ-2000 Analyzer

Scheduled date (M/D/Y): _____

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. The setting of all parameters can't over the limit of instrument. Except water and alcohols, all solvents can't be used for zeta measurement.

5. Rates for instrumentation usage:

(1) Ch.E., NTUST users: 500 NT/Day. 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: Size/Zeta 800/1000(元/hr).

(3) Users from other institutions: Size/Zeta 1000/1500(元/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.

* Technician Nicole Cheng /鄭郁璇 暫代 (E2-100)

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