

化工系傅立葉紅外線光譜儀 (FTIR Tracer-100) 使用申請單

No. _____

申請日期： 年 月 日 時

測試日期： 年 月 日 時 至 年 月 日 時

實驗條件： 1. Measurement method : Penetration mode ATR Grazing Angle

2. Detector : DGS MCT

3. Sample Types : Solids Powders Liquids Others

自備零件及藥品：液氮500ml、KBr、Alcohol、NaCl Cell、拭鏡紙、夾子、特殊零件

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金_____元

借用人本學年累計應繳_____元。）

5.外系或外校申請者，請化工系主任簽名：_____

化工系傅立葉紅外線光譜儀 (FTIR Tracer-100) 使用核准單

No. _____

測試日期： 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.使用前先在儀器保養維護記錄簿上登記。

3.消耗性器材（紙、筆等）由系採購再由使用者按登記使用時間比例分擔。

4.測固體樣品，與KBr混合打片時，KBr pellet dil使用應謹慎，以免造成損壞。

5.本系使用者需繳儀器維修基金：600元/半天，一學期年繳滿2000元者，則該學年內不需再行繳交。校內外系：1500元/半天，校外研究單位：3000元/半天。

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_____黃雅慧 (E2-205-2)

*本儀器目前負責之老師為_____曾堯宣 (E2-811)

化工系傅立葉轉換紅外線光譜分析儀 (FTIR Tracer-100) 使用申請單

Registration form for Fourier Transform Infrared Spectrometer (FTIR Tracer-100)

No. _____

Registration date (Month/Date/Year): _____

Registration time: _____

Analysis details:

1. Measurement method : Penetration mode ATR Grazing Angle

2. Detector : DGS MCT

3. Sample Types : Solids Powders Liquids Others

Essentials self-prepared by the user: **Delicate task wipers, NaCl Cell, Spatulas, KBr, Alcohol, Liquid N₂、Others**

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)

化工系傅立葉轉換紅外線光譜分析儀 (FTIR Tracer-100) 使用核准單

Usage Permission for Fourier Transform Infrared Spectrometer (FTIR Tracer-100)

No. _____

Scheduled usage (Month/Date/Year): _____

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. Rates for instrumentation usage:
 - (1) Ch.E., NTUST users: 600 NT dollars/ 0.5day, 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: 1500 NT dollars/0.5day.
 - (3) Users from other institutions: 3000 NT dollars/0.5day.
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 for FTIR Yao-Hsuan Tseng 曾堯宣 (E2-811)

Technician for FTIR Ya-Hui Huang 黃雅慧 (E2-205-2)