



**PUSAT PENGURUSAN MAKMAL
UNIVERSITI (PPMU)**

Form Num.	UURL/F/56
Version	1/2023
Effective Date	01/02/2023
Equipment	CHEMISORPTION ANALYZER (TPDRO)
Sample Serial No.	

**SURFACE SCIENCE LABORATORY
SAMPLE SUBMISSION FORM (INDUSTRY)**

General Rules and Requirements:

1. All information provided should be true.
2. Booking will be notified/updated by email.
3. Booking procedure
 - a. Submit the complete application form to UURL Sample Acceptance Counter.
 - b. Fast Lane is offered to non-UTM customers with an additional 50% charge from the normal price.
4. Sample Condition & Preparation
 - a. PPMU has the right to cancel any analysis if the sample is suspected to have a high risk to the safety of the operator or can cause damage to the instrument during the analysis. The cost of damages will be borne by the customer.
 - b. The remaining samples will be disposed of within a month after analysis is completed.
 - c. Only samples that were ready to be analyzed were accepted by the lab
5. All inquiries regarding **Chemisorption Analyzer** should be forwarded to the Assistant Science Officer, Mrs Iryani Nabilah (email: iryantinabilah@utm.my) or Mrs Nurleyana Salleh, email: nurleyana@utm.my, tel: 07-5557720) or visit our website at ppmu.utm.my

1. APPLICANT'S PERSONAL PARTICULARS

Name of Applicant	
Hand Phone No	
Email	
Department/Division	
Signature & Official Stamp	*A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities

2. COMPANY DETAILS

Name	
Registration No.	
Address	
Telephone No.	
Email	
Mode of Payment	<input type="checkbox"/> Cash <input type="checkbox"/> EFT <input type="checkbox"/> Invoice <input type="checkbox"/> Fast Lane

3. SAMPLE INFORMATION

Name of Sample	
Type of Sample	<input type="checkbox"/> Powder <input type="checkbox"/> Solid
No. of Samples Submitted	
Sample i.d/Labels	
Test Required	<input type="checkbox"/> TPD-CO2 <input type="checkbox"/> TPD-NH3 <input type="checkbox"/> TPR <input type="checkbox"/> Pulse Chemisorption

Parameter :

Test	TPR			TPD		
	Gas & Flow Rate (ml/min)	Waiting Time (Hour)	Ramping Temperature & rate (°C)	Gas & Flow Rate (ml/min)	Waiting Time (Hour)	Ramping Temperature & rate (°C)
Pre-treatment/Cleaning						
Pre- Saturate the active sites						
To remove physisorbed gas						
Ramping Temperature & rate (°C)						