

 <b>UTM</b> UNIVERSITI TEKNOLOGI MALAYSIA	<b>PUSAT PENGURUSAN MAKMAL          UNIVERSITI (PPMU)</b>	Form Num.	UURL/F/17
		Revision No	1/2024
		Effective Date	01/03/2024
		Equipment	PSA
		Sample Serial No.	UURL/
<b>PARTICLE SIZE ANALYZER LABORATORY</b>			
<b>SAMPLE SUBMISSION FORM</b>			

**General Rules and Requirements:**

- All information provided should be true
- Booking will be notified/updated by email or phone
- Booking procedure
  - Complete the application form including valid research vote number
  - Submit the completed application form to UURL Sample Acceptance Counter
  - Fast Lane is offered to non-UTM customers with an additional 50% charge from the normal price.**
- Sample Condition & Preparation
  - 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.**
  - This instrument can measure particle size range from 0.3nm to 10.0microns only.**
  - The remaining samples will be disposed of within a month after analysis is completed.**
- All inquiries regarding **Nanoparticle Size Analyzer** should be forwarded to Ms. Athirah Hanis Maulat Dzulkapli (email: [athirah@utm.my](mailto:athirah@utm.my)) or Ms. Nurhariani Jamhari (email: [nurhariani@utm.my](mailto:nurhariani@utm.my)) or visit our website at [ppmu.utm.my](http://ppmu.utm.my)

1. APPLICANT'S PERSONAL PARTICULARS											
Name of Applicant											
Status of Applicant		<input type="checkbox"/> Undergraduates		<input type="checkbox"/> Master		<input type="checkbox"/> PhD		<input type="checkbox"/> Researcher			
Student Matric No.											
Faculty/ Department											
Hand Phone No. & Email											
2. SUPERVISOR DETAILS (for internal applicant and academic institution only)											
Name of Supervisor											
Staff ID No.											
Faculty/Department											
Hand Phone No.											
Email											
Mode of Payment		<input type="checkbox"/> Cash		<input type="checkbox"/> EFT		<input type="checkbox"/> Log card		<input type="checkbox"/> Invoice		<input type="checkbox"/> Fast Lane	
*Payment using invoice		Research Vot No. (e.g.: Q.J091600.24C3.01D32)									
		Balance of V29000									
Signature & Official Stamp		*A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities									
3. SAMPLE INFORMATION											
Sample Label & Information											
Sample Type		<input type="checkbox"/> Powder		<input type="checkbox"/> Liquid		<input type="checkbox"/> Sheet/Wafer					
Measurement Type		<input type="checkbox"/> Size		<input type="checkbox"/> Zeta Potential		<input type="checkbox"/> Zeta Potential with pH titration (pH 12-2 ONLY)					
		<input type="checkbox"/> Surface Zeta Potential (Sheet/Wafer sample ONLY)		<input type="checkbox"/> Molecular Weight (Protein sample ONLY) Molecular Formula of sample : <i>* Please refer to Person In Charge if this analysis is required</i>							
Dispersant (For Powder Sample) <i>*If no data given, default dispersant used is Deionized Water (RI:1.330)</i>											
Sample Material, Refractive Index & Absorption <i>*If no data given, default material is Polystyryn Latex (RI : 1.590 Absorption : 0.010)</i>		Material :									
		Refractive Index :									
		Absorption:									
Ultrasonic (if needed)		Time: _____ mins				Temperature : _____ °C					
Expected Result <i>(within 0.3nm to 10.0microns)</i>											