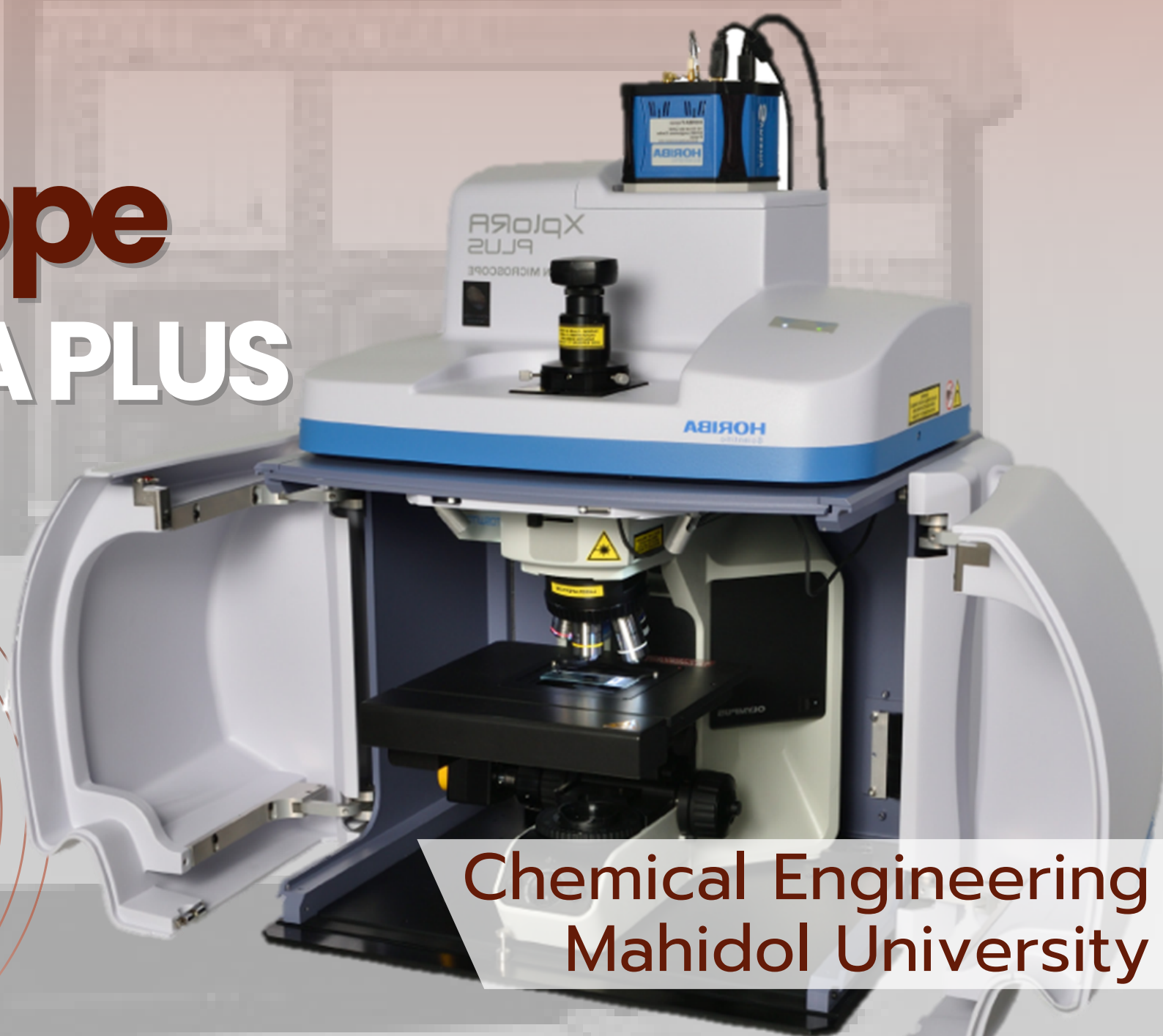
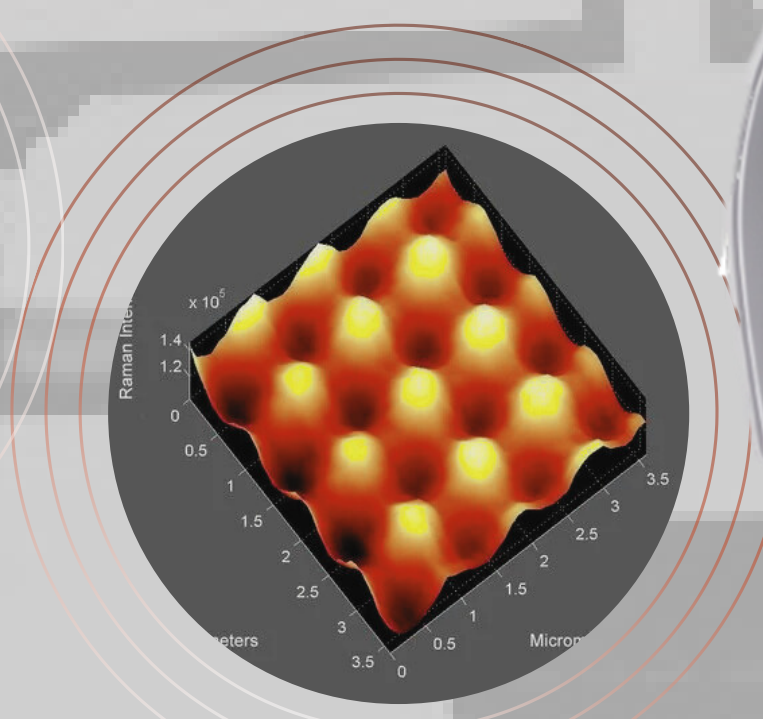
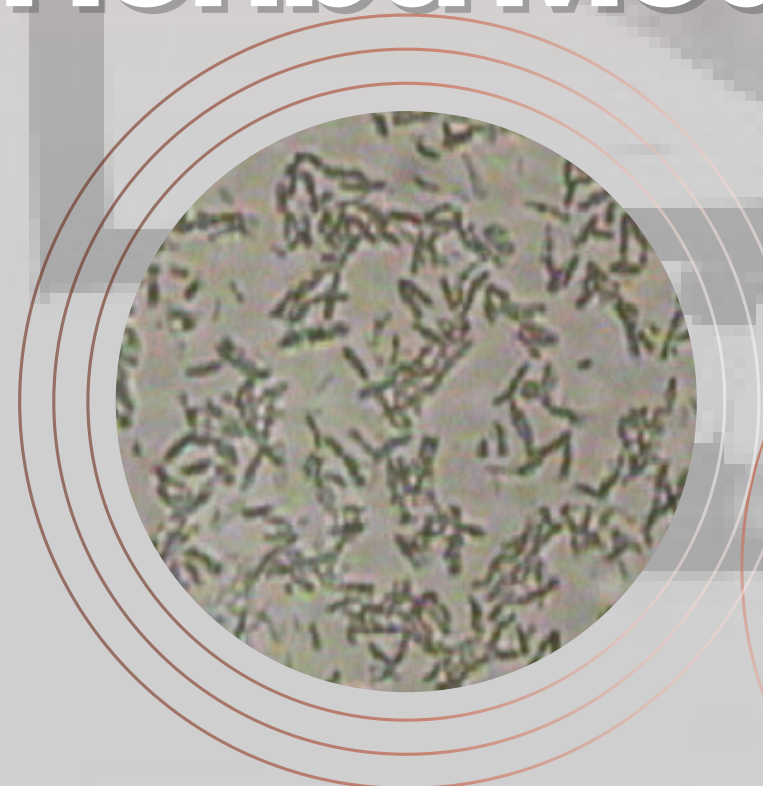


Available for Services

Raman microscope

Horiba Model: XploRA PLUS



Chemical Engineering
Mahidol University

XploRA™ PLUS is a high-performance MicroRaman system delivering excellent sensitivity and spectral resolution for microscopic chemical and structural analysis. Featuring SWIFT™ confocal microscopy, it ensures rapid and precise characterization. The system supports multiple laser wavelengths and offers easy AFM upgrade for enhanced flexibility.

Capabilities :

- **Chemical Identification:** Determination of compound types and structures based on functional groups.
- **Micro-area Analysis:** Spatially resolved characterization at the microscopic scale.
- **Material Degradation:** Study of oxidation and structural changes.

Service fees

Details	Students and staff within the university/ institute partners (MOU)	External personnel (government organization)	External personnel (private organization)
Raman microscope • Single spectrum, mapping	300 THB/hr. (self-service)	450 THB/hr. (self-service)	600 THB/hr. (self-service)
	500 THB/hr.	700 THB/hr.	900 THB/hr.
• Temperature control	600 THB/hr. (self-service)	800 THB/hr. (self-service)	1,100 THB/hr. (self-service)
	900 THB/hr.	1,300 THB/hr.	1,700 THB/hr.

Contact Info



+66(0)2 889-2138 ext 6145

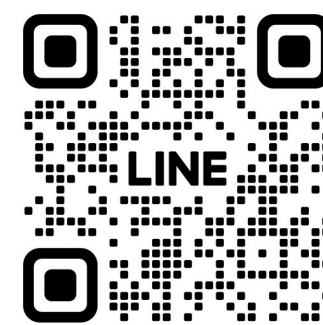


ChemicalEngineeringMahidolUniversity



Department of Chemical Engineering,
Faculty of Engineering, Mahidol University
999 Puttamonthon 4 Road, Salaya,
Nakhon Pathom, 73170

Contact us



@egcheLAB.services