



Analytical Services

– Application areas and related instruments

Analytical Services

With our analytical services you get an easy access to Instruments for advanced analysis of your samples. Knowing what is at the surface can be the clue to solving major problems in the detective work of troubleshooting.

Surface Tension and Wetting	Contact angle/Pendant drop Dynamic Surface Tension Tensiometer
Adsorption at Surfaces	Quartz Crystal Microbalance (QCM-D) X-ray Photoelectron Spectroscopy (XPS) Dual Polarization Interferometry (DPI) Ellipsometry
Chemistry at Surfaces	Confocal Raman Microscopy X-ray Photoelectron Spectroscopy (XPS) Infrared Analysis (IR) Environmental Scanning Electron Microscopy/ Energy Dispersive X-ray Analysis (ESEM/EDX) Time-of-Flight Secondary Ion Mass Spectrometry (ToF-SIMS)
Friction and Lubrication	Mini Traction Machine Atomic Force Microscopy (AFM) (Force/Friction, Imaging)
Particles and Dispersions	Dynamic Drainage Apparatus Dynamic Light Scattering Laser Diffraction Zetaprobe Turbiscan
Microscopy and Surface Topography	Atomic Force Microscopy (AFM) (Micro level) Environmental Scanning Electron Microscopy (ESEM) 3D Optical Surface Profiler
Rheology	Rheometer
Thermal Analyses	Thermogravimetric Analyzers (TGA) Differential Scanning Calorimetry (DSC)