

K. Sakai LAB.

[Rheological Research on Liquids]



Department of Fundamental Engineering

Nano-Rheology Engineering

Department of Applied Physics, School of Engineering,

<http://sakailab.iis.u-tokyo.ac.jp>

Amazing Techniques for Measuring Properties of Liquids !



We are developing new and fantastic techniques for investigating the characteristics of liquids with Optical, Electric or Magnetic field.

Direct Observation of Inkjet Droplets

Original system for observation of inkjet micro-droplets.

Useful for micro fluidics!

EMS Rheometer RheoBox™

New viscometer based on EMS method with several amazing features!

No-contact, Small amount of sample,
Simple operation, etc.

Non-contact Exploring of Liquid Surface

We can get information about liquid surface from surface micro-motion by electric field.

Without touch!

ReD Surface Tensiometer

Measuring Device for surface tension from the distortion of drop in rotator.

Good for High surface tension!

