

# K.Sakai LAB.

[The liquid world that we want to know]

Department of Fundamental Engineering

Measurement of Liquid Surface & Interfacial Properties

Department of Applied Physics

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

## Look & Feel & Enjoy Liquid World



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

### ◆ EMS Viscometer Family

These viscometers have several amazing features!  
No-contact, Small amount of sample, Quick operation, etc.

New Product!  
RheoSpec®

### ◆ Inkjet Technique with Glass Nozzle

Glass capillary is an all-around nozzle!  
Observation and Analysis of micro-droplets  
with high resolution in time and space.

DOF ST meter  
Coming soon !

### ◆ Laser / Electric Exploring of Liquid Surface

Micro-deformation on liquid surface without touch!  
The surface motion informs of the surface properties.

Liquid Surface  
Dynamics !

### ◆ ReD Surface Tensiometer

Measurement of the surface tension  
from the distortion of drop in rotator!

High T & ST  
Measurable !

