

# SEO Software - IMAGE XP

SEO furnishes the IMAGE - XP software designed for SEO Contact Angle Analyzers. It can calculate and determine contact angle, surface tension, dynamic / static contact angle and surface energy of solid samples. The software can analyze images automatically and precisely. Based on contact angles, it is available to apply measured data to various function and analysis for user's applications. Also additional tools are available for user convenience. This software can run on Windows 2000 / XP.

## Features

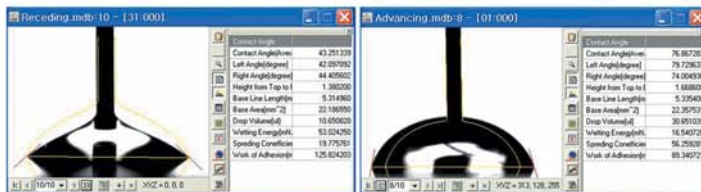
- Easy and simple operation for analysis of data.
- Fast analysis algorithm using a wave function.
- Contact angles calculated by automatic or manual methods.
- Calculation of solid surface free energy from contact angle data.
- Surface and interfacial tension measurement of liquids by the pendant drop analysis.
- Sequenced image capture and analysis for wettability.
- Auto mapping display program and 3D graphic analysis.
- Extensive database of the physical physical properties of commonly used liquids.
- All captured files are stored in your PC and can be easily added to a database.

## High performance of Image Analysis



- Multi - Functional analysis
- Precise contact angle range from 0 to 180 degrees
- Surface Tension by Pendent Drop Method

## Analysis of Dynamic Contact Angle (Advancing & Receding angles)

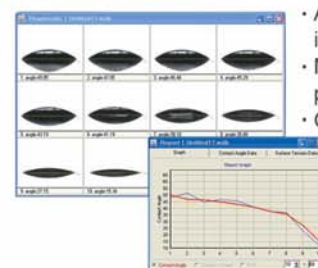


Advancing angles

Receding angles

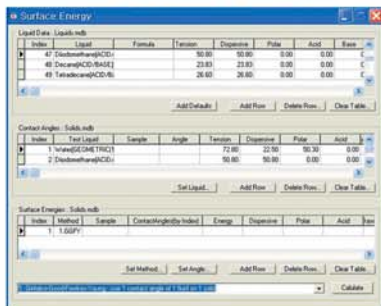
- Easy and simple operation for measuring Dynamic contact angle
- Captive method and Tilting method
- Sequent image capture and analysis

## Sequence image capturing mode for Wettability



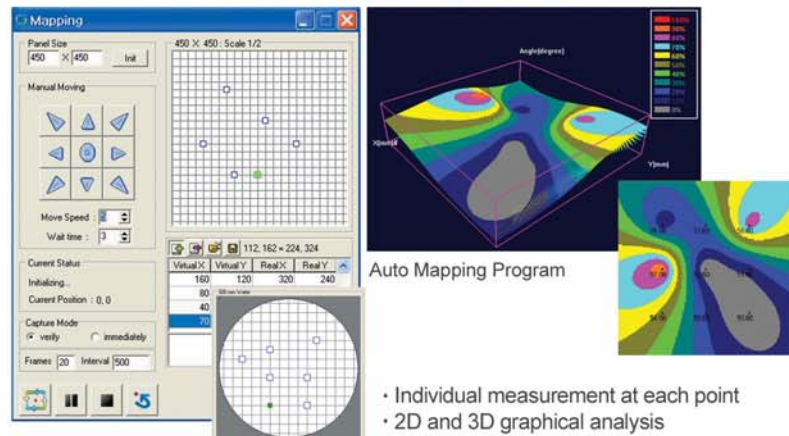
- Analysis captured images by time basis
- Maximum 30 frames per second
- Graphic data display

## Calculation of Surface Free Energy



- 3 Methods for calculating surface energy
- Extensive database of liquids as references
- Easy to use and automatic calculation

## Auto mapping display function for CTA & Pioneer system



Auto Mapping Program

- Individual measurement at each point
- 2D and 3D graphical analysis