

VCA Optima Contact Angle Measurement



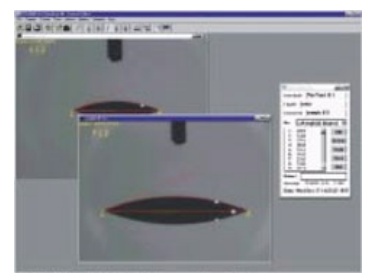
VCA-Optima systems are suitable for research or quality control in R&D and process engineering. Systems range from the basic Optima to the fully equipped Optima XE. Features include dynamic capture capability, motorized syringe, surface energy analysis and pendant drop analysis, to name a few.

The VCA Optima utilizes a precision camera and advanced vision technology to capture static or dynamic images of the droplet and determine tangent lines for the basis of contact angle measurement. A manual or automatic syringe provides easy dispensing of test liquid.

The VCA Optima series incorporates lightweight design, easy assembly, the latest Windows™ standards and user-friendly software.

Contact Angle

The contact angle is the angle of a drop of liquid meeting the surface of a solid. Measurement of this parameter allows certain properties of the surface to be determined. In particular it is possible to measure the wettability of the surface for a subsequent process such as gluing, coating, painting, potting, foaming, etc.



Surface Analysis - Purchase, rent or laboratory analysis:

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