

# Contact Angle Analyzer

## Portable Type Phoenix - Mini



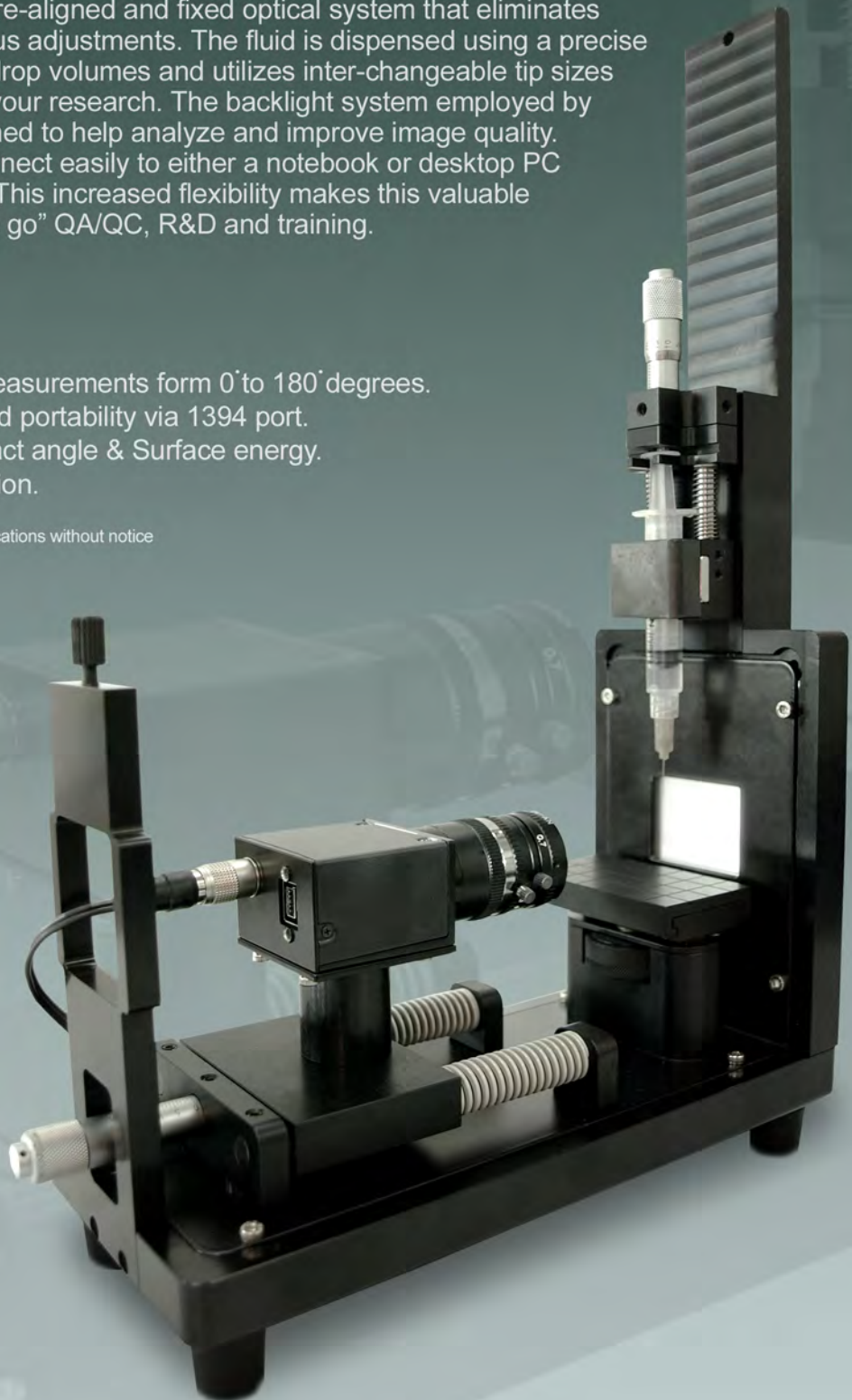
The Phoenix-Mini is specifically designed to be smaller and lighter for QA/QC labs. The compact size provides for easy portability and convenience for evaluating surface treatments and cleanliness.

The Phoenix-Mini has a pre-aligned and fixed optical system that eliminates the need to make any focus adjustments. The fluid is dispensed using a precise manual system for small drop volumes and utilizes inter-changeable tip sizes for increased flexibility in your research. The backlight system employed by the Phoenix-Mini is designed to help analyze and improve image quality. The Phoenix-Mini can connect easily to either a notebook or desktop PC via a 1394 (firewire) port. This increased flexibility makes this valuable tool convenient for "on the go" QA/QC, R&D and training.

### Features

- Precise contact angle measurements form 0° to 180° degrees.
- Convenient operation and portability via 1394 port.
- Auto calculation of Contact angle & Surface energy.
- Easy and Simple Operation.

SEO reserve the right to change specifications without notice



# Image XP - Mini

## Capabilities

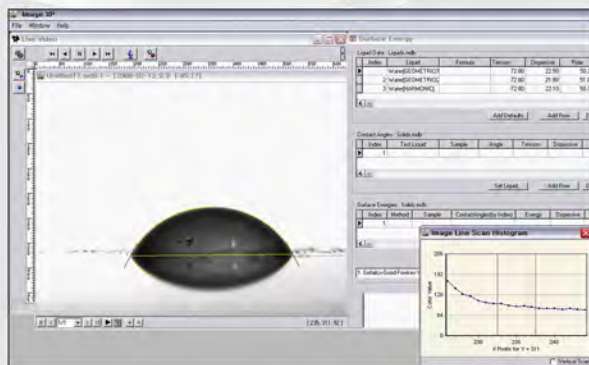
- Static / Dynamic contact angles.
- Advancing and Receding contact angle by Captive method.
- Sequence image captures by time basis & dynamic Movies.
- Surface Energy / Surface Tension.
- Sessile Drop / Pendent Drop.

## Features

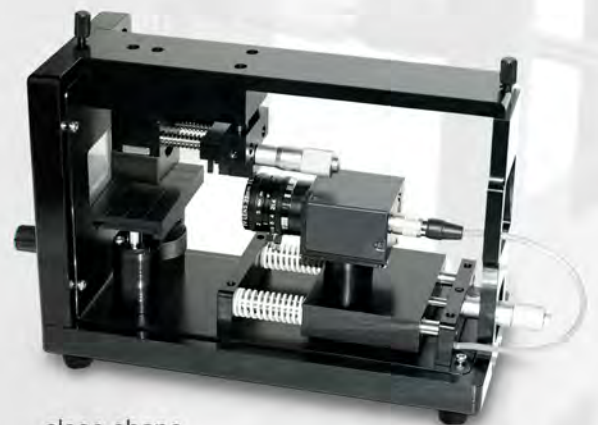
- Accurate and fast analysis.
- Auto calculation function of Contact angle and Surface Energy.

## Technical Data

- *Sample size* 40 x 25 x ∞ (mm)
- *Connecting type* Frame Grabber or 1394
- *CCD type* 90 frames / sec or 30 frames / sec
- *Dispensing type* Precise Manual System
- *Contact angle* 0 ~ 180°, ± 0.1° accuracy
- *Evaluation method* Static / dynamic Contact angles  
Pendent drop for Surface energy
- *Operating system* Windows
- *Power Supply* 110 to 240 VAC
- *Dimensions* 7.5 x 5 x 7 /  
(L x W x H, in / mm) 150 x 120 x 180



computer simulation



close shape



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