

Contact Angle Analyzer *New Serie*

SEO NEW Phoenix Pro / Easy System



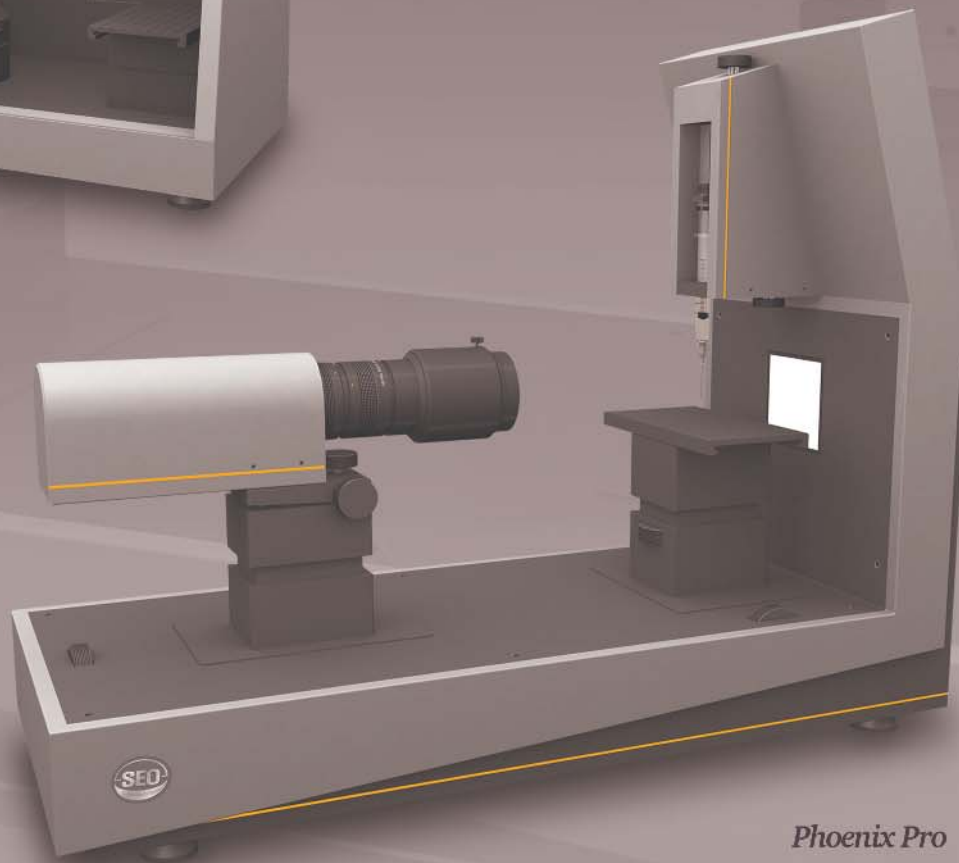
The Phoenix - Pro / Easy are sessile drop video system for measuring Contact angle, Wettability and Pendent drop for surface Tension. The Instrument is fully controlled and programmable by an easy to use Image Xp Software. The New Phoenix system is widely used throughout both industry and academia providing a range of Surface Chemistry solutions.

Features

- High resolution camera and zoom lens.
- High intensity white LED module.
- Wide contact angle measuring range (0 ~180°)
- Automatic, semi-automatic and manual drop control.
- Wafer sample stage option (8" & 12")



Phoenix Easy



Phoenix Pro



Advantages

- Automated and accurate analysis of surface tension and static / dynamic contact angle.
- High-resolution and powerful image capturing system.
- Computer - ready via USB port.
- Auto calculation of surface energy and adhesion.
- 2D & 3D image graph available.
- SPC (Statistical Process Control) data.



Application

- Film / Polymers, Steel, Plasma evaluation & coating.
- Semiconductor / Electronics, Inks / Paints.
- Surface energies, wettability, cleanliness analysis

Options

- Thermal Chamber : Amb. to 500°C
- Thermal Pad : Amb. to 500°C
- Tilt Stage for dynamic Contact angle
- Wafer stage
- Long stage for PCB strips



Technical Data

Model

• Sample size (L x W)	Phoenix - Pro 150 x 150	Phoenix - Easy 150 x 150
• Zoom Lens	X 6 Zoom	X 6 Zoom
• Resolution	768 x 576 NTSC	768 x 576 NTSC
• Max. Frame rate	30 fr / sec	30 fr / sec
• Drop control	Automatic, Semi - Auto & Manual	Manual control (Option : Automatic / Semi - Auto)
• Range of Contact angle	0 ~ 180°	0 ~ 180°
• Accuracy	± 0.1 (Standard Calibration)	± 0.1 (Standard Calibration)
• Light Source	White LED	White LED
• Connecting type	Frame Grabber or USB 2.0	Frame Grabber or USB 2.0
• Power supply	110 to 240 VAC	110 to 240 VAC
• Dimension (L x W x H, in / mm)	24 x 10 x 19 / 610 x 250 x 475	17 x 10.5 x 15.8 / 430 x 270 x 400

SEO reserve the right to change specifications without notice



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