

Contact Angle Analyzer

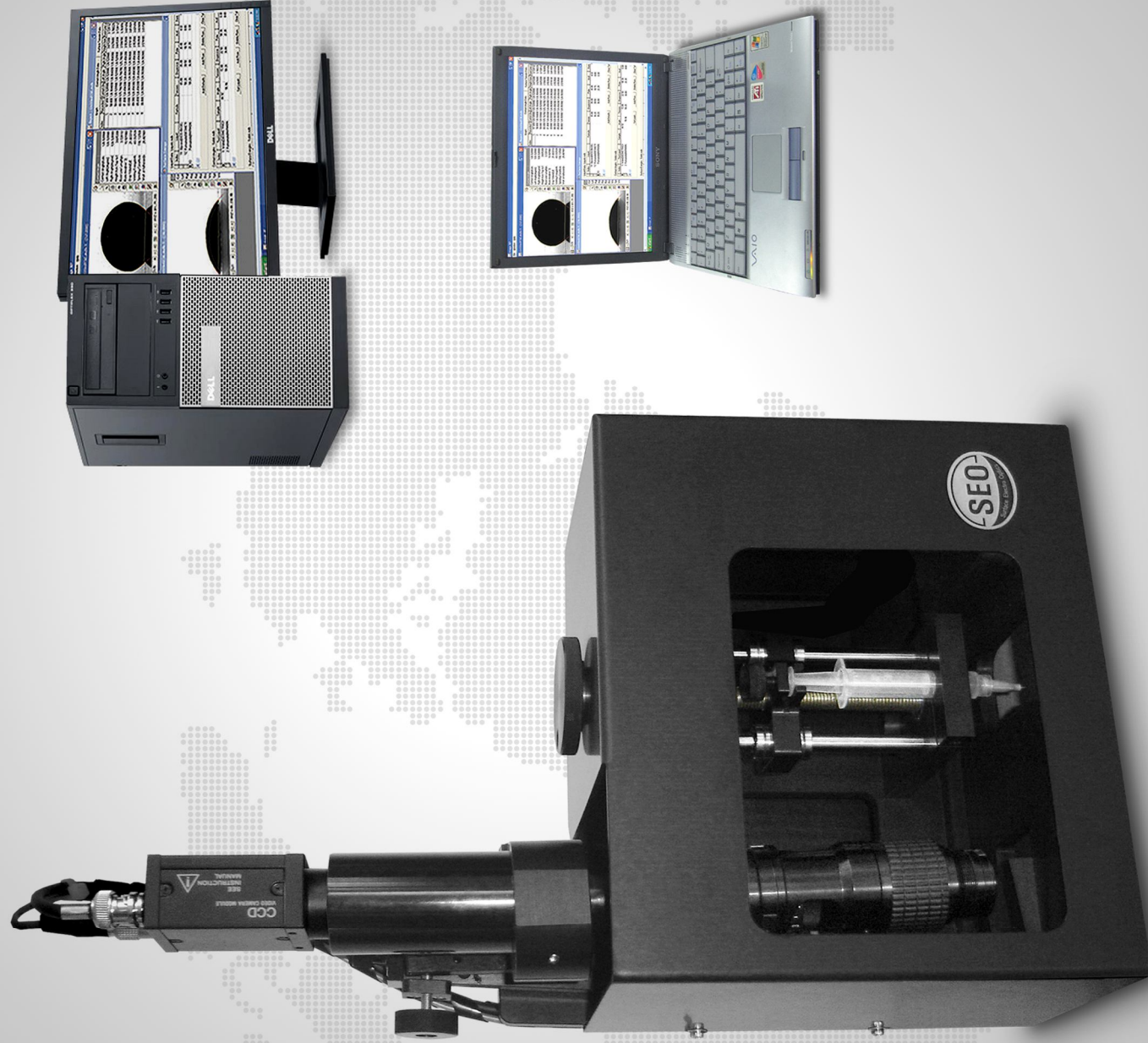
Phoenix - Alpha



The Phoenix - Alpha is lighter and has a smaller footprint than the Phoenix 300 series but has all functions needed for contact angle analysis.

The Phoenix - Alpha was specifically upgraded based on many user's ideas. It is easy, simple, compact and user friendly designed. The system has a special designed optical system of reducing the light scattering and mounting an easy camera all-direction adjustment.

The Phoenix-alpha is a valuable tool for on the spot research, QC and universities and training.



Features

- Data checking instantly without open analysis window by preview result function.
- Contact angle measurements from 0° to 180° degrees.
- Convenient operation and portability using the desktop PC and notebook PC.
- Easily replaceable syringe tips.
- Precise optic design & user friendly.
- No limited the surface of any size.
- Precision drop volume control per 1micro liter.

Capabilities

- Static / dynamic contact angles.
- Surface energy.
- Pendant drop for surface tension.
- Sequence image captures by time basis & dynamic images.
- Real time contact angle display.
- Data comparison function.

Technical Data

- | | |
|-----------------------|--|
| • Max. Sample size | No limited the Sample Size |
| • Contact angle range | 0° to 180° degrees |
| • Accuracy | +/- 0.1° deg |
| • Dispense control | Automatic, Semi-automatic for PC control & manual by precise screw |
| • Light source | White LED module |
| • Lens | Zoom lens |
| • Frame rate | 70 FPS (USB), 84 FPS (1394) |
| • Operation system | Windows XP, Window 7, Window 8 |
| • Power supply | 110 to 220 VAC |
| • Dimensions | 10 x 5 x 8 / 260 x 125 x 200 |
| | (L x W x H, in / mm) |



www.s-eo.com

SEO reserve the right to change specifications without notice

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