



## KRÜSS launches new solution for optical foam structure analysis

- Optical structure testing of liquid foams with a the new development from KRÜSS
- Expansion of a modular instrument for foam analysis
- For stable and metastable foams in food, cosmetic and cleaning products

**Hamburg, April 12th, 2013** – KRÜSS GmbH presented a new module for the DFA100 Dynamic Foam Analyzer intended for the optical testing of fluid foam structures at the European Coatings Show 2013 in Nuremberg. The instrument uses image analysis to determine the number, size and size distribution of the bubbles of a foam generated under control in the instrument. The foam structure module features a height-adjustable camera with rapid image sequence for measuring the structural changes over time, thus making the inner destabilisation of the foam visible long before it actually decays.

Torben Schörck, head of development at KRÜSS, sees key applications for this new development in the food, cosmetics and cleaning agent industries, where the tactile properties linked with bubble structure play a role in addition to foam stability. "In particular customers from the brewery branch already showed an interest during the preliminary stages of the development. We are expecting further positive response from our upcoming trade fair appearances", explains Schörck. Presentations at the CESIO in Barcelona and SEPAWA in Fulda are among those planned for 2013.

The company is well-established on the market for tensiometers and contact angle measurement instruments. In 2010 it opened a new product segment with the launch of its foam analysis instrument DFA100. Initially this modular instrument focussed on measuring the decay of instable foams. A component for measuring liquid content presented in 2012 plus the new optical module are both geared towards stable and metastable foams.

### About KRÜSS GmbH

**Advancing your Surface Science.** As the world's leading supplier of measuring instruments in the field of surface and interfacial chemistry, we not only provide high quality product solutions - our offer is a combination of technology and scientific advice.

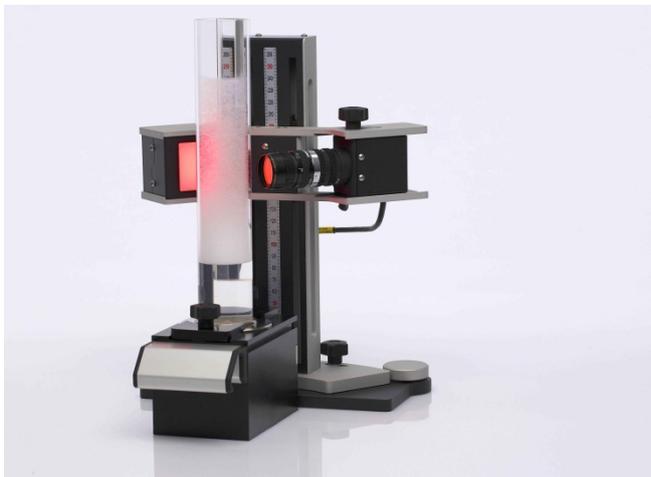
These include seminars, technical service, our Customer Support Lab and our Surface Science Center for professional measurement services. Many well-known companies have already been inspired by our know-how, precision and passion consulted by our offices in Hamburg, the USA, Great Britain, France and with the help of our exclusive distributor network.

We are worldwide at our customer's doorstep, so we are quickly and flexibly in the research and development laboratories as well as in quality control centers of countless industries.

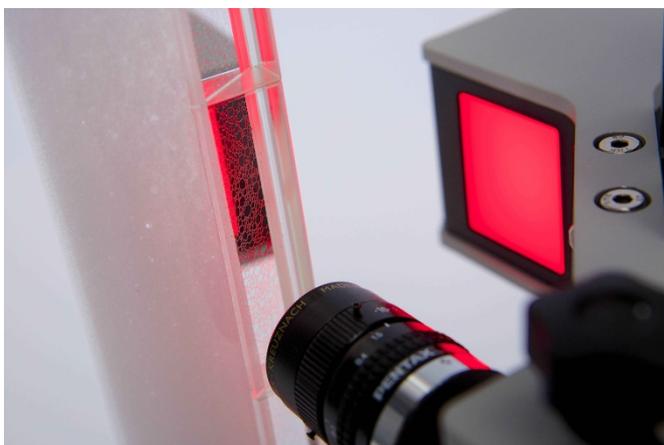
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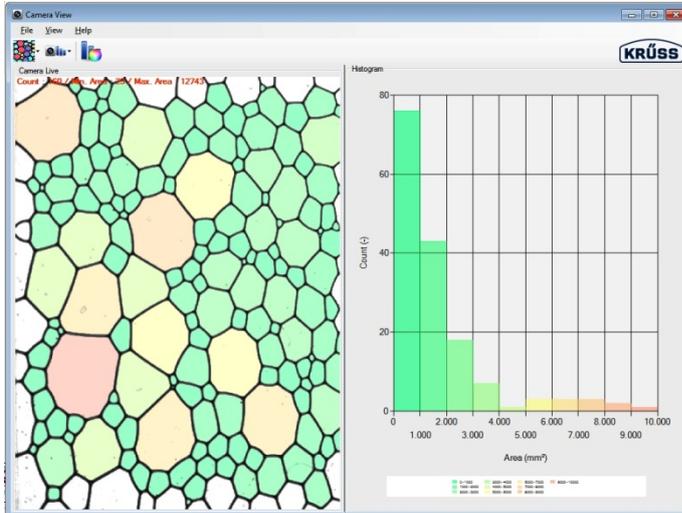
## Images



Module for foam structure analysis; file: PA4570-gesamtaufbau.jpg



Module for foam structure analysis (detail); file: PA4570-ausschnitt.jpg



Software screenshot with foam bubbles, file: PA4570-software-screenshot.jpg