



KRÜSS Scientific Instruments

Advancing your Surface Science



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Founded in 1796, KRÜSS is the global market leader in the field of surface tension and interfacial tension instruments

KRÜSS Headquarters, Hamburg circa 1851



The development of CA instruments started in the early 1990's

In 2019, we now offer a wide variety of products and services:

Product Overview:

- Tensiometer
- Drop Shape
- Foam Analysis
- Interfacial Rheology
- High Pressure (DSA & FA)
- High Temperature (DSA)

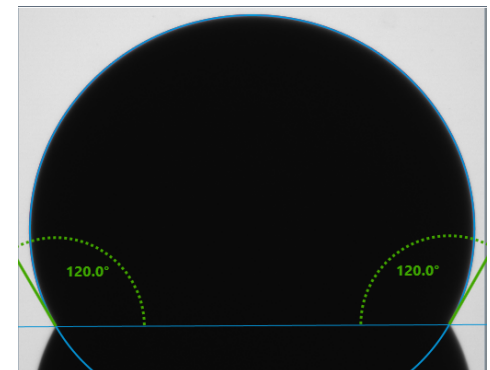
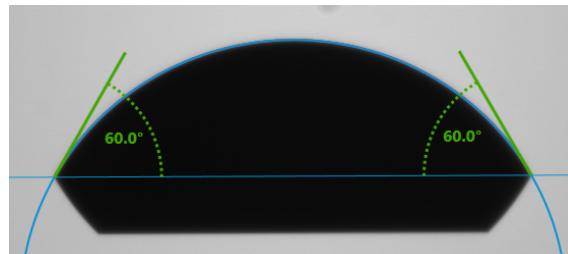
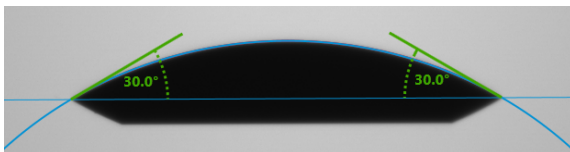
Services:

- Application Services
- Education & Theory
- Technical Support

What manufacturing problems can we solve together?

Surface Free Energy of surfaces (Polar & Dispersive Components), Surface Tension of liquids (Polar and Dispersive Components)

- Wetting
- Cleaning
- Spraying & printing
- Adhesion & coating (e.g. Medical Devices, Automobiles, Aerospace)
- Surface treatment (Etching, Sanding, Plasma, Corona)



Why partner with KRÜSS ?

Partnership possibilities

1. Analytical Instrumentation – R&D and Quality Control
2. Access to our existing network of partners, expertise and consultation
3. Scheduled use of our laboratory
4. Analysis of samples by our Scientists
5. Loaned instruments for targeted projects

Output possibilities

- Joint publications
- Application works and reports
- White papers



Current Partnerships



Our academic partners

Our comprehensive consulting, training, and education services are backed up by an extensive scientific network with renown partners at prestigious universities. This exchange of knowledge is also our basis for developing new measuring methods and solutions in accordance to the latest scientific standards.



[University of Alberta](#)

Department of Mechanical Engineering
Dr. Prashant R. Waghmare



[UCLA](#)

Department of Mechanical and Aerospace Engineering
Dr. Pirouz Kavehpour



[University of Chicago](#)

Department of Physics - James Franck Institute
Prof. Heinrich M. Jaeger



[Rice University](#)

Chemical and Biomolecular Engineering
Prof. Rafael Verduzco



[Western Washington University](#)

Plastics and Composites Engineering Department
Dr. John Misasi



Advancing your Surface Science

Do you have questions?

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