

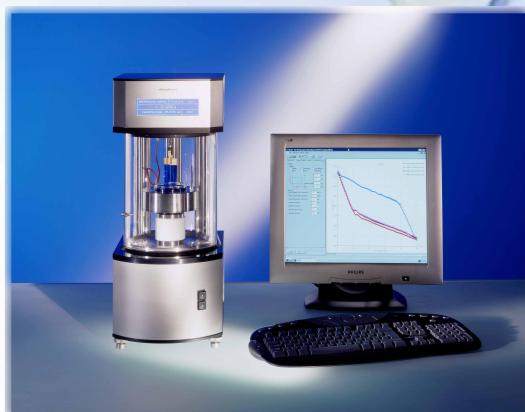
## Innovations

### For Surface Chemistry

The company DataPhysics Instruments GmbH was founded in 1997 in Filderstadt near Stuttgart, Germany. Since then our scientists and engineers have been developing in close cooperation with customers throughout the world, new measuring instruments and systems for investigating the processes of surface chemistry. Flexibility is one of DataPhysics' priority objectives. All series are modular systems to provide a solution suitable for the diverse needs of our users.

Our product range includes optical contact angle measuring devices and robot-assisted systems, tensiometers and spinning drop video tensiometers.

Software developed for various configurations are available.

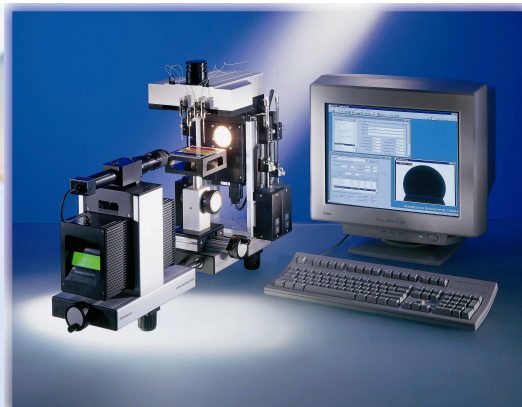


Tensiometer, DCAT 21

Accessories and applications DCAT series :

- Surface and interfacial tension with Wilhelmy plate and Du Noüy ring
- Dynamic contact angle on solids, powders, fibers and fiber bundles
- Density of a liquid
- Sedimentation rates of powders
- Penetration rates of paste
- Determination of critical micelle concentration (CMC) of surfactant solutions with dosing system
- Temperature chamber up to 250°C for temperature control

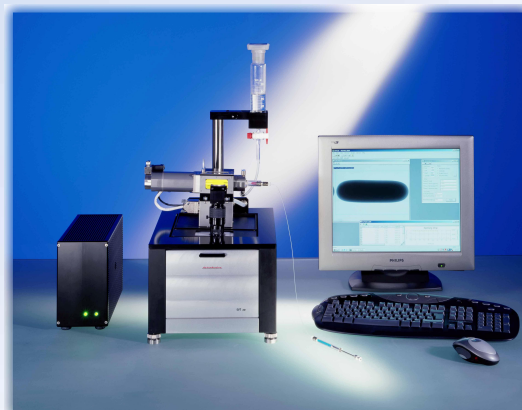
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Optical contact angle device, OCA 20

Accessories and applications, OCA series:

- Temperature chambers up to 400°C (e.g. temperature control of surfaces)
- High temperature furnace up to 1800°C (e.g. molten glass or metal drops)
- Needle heating device up to 700°C (e.g. molten polymer drops)
- Tilting tables (e.g. tilting angles of rolling drops)
- Wafer tables (e.g. product quality)
- Portable contact angle devices (e.g. measurements during production process)
- Fully automatic devices



Spinning Drop Video Tensiometer, SVT 20

Accessories and applications, SVT series:

- Very low interfacial tension of liquid/liquid systems
- Dilatational elasticities between two not completely miscible liquids

For more information, visit our web site at  
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