

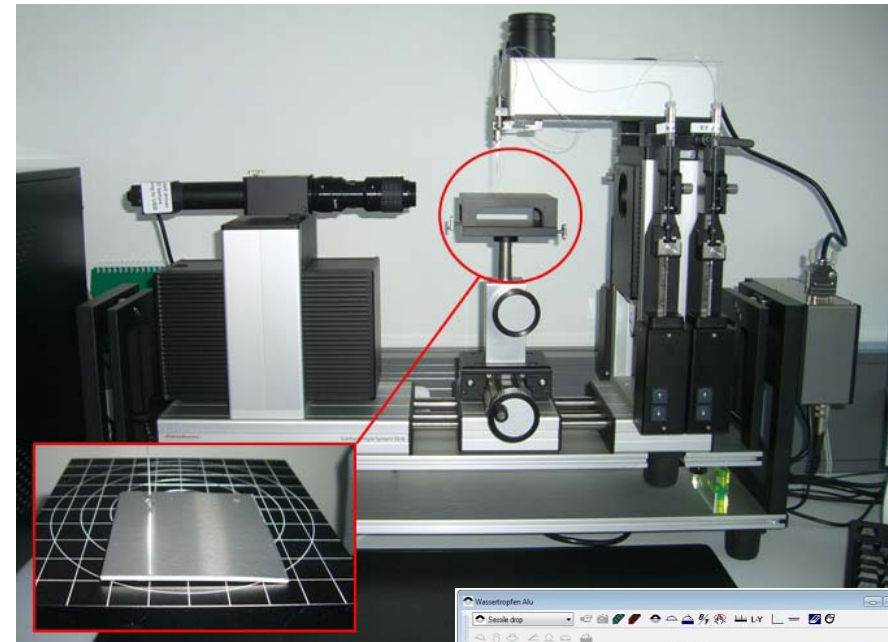
# Contact angle measuring unit with pivoting table

## Technical data

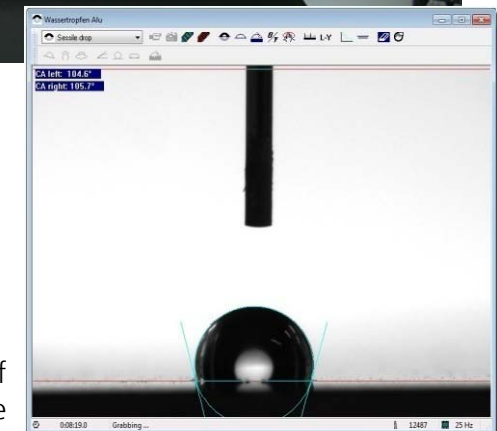
- CCD video camera with up to 50 measured values per second
- 4 electronic injection modules for determining the advance and retraction angle
- Software controlled tilting table (up to 90°) powered by electric motor for measuring the rolling angle
- Measuring principles:  
Sessile drop method, captive bubble method, tilting plate method, pendant drop method, lamellar method
- Measurement results:  
Static and dynamic contact angle, surface and interface stress, free surface energy with disperse and polar elements

## Fields of use / application

- Determination of the wettability of surfaces to be bonded
- Determination of the ageing of surfaces
- Investigation of the influence of surface preparation
- Qualification of ice-repellent and hydrophobic surface coatings



OCA 20 contact angle measuring unit



Determination of the edge angle