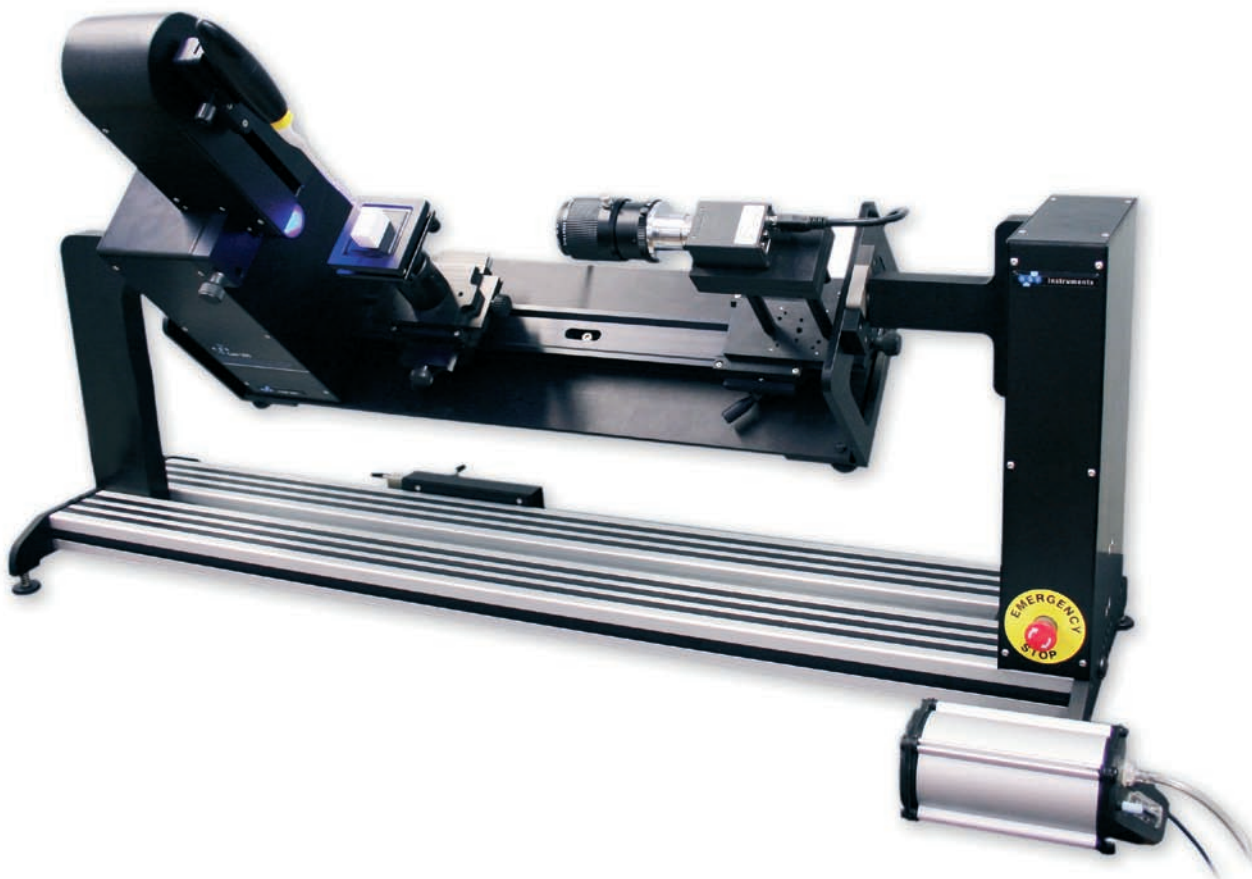


## Automatic Tilting Cradle

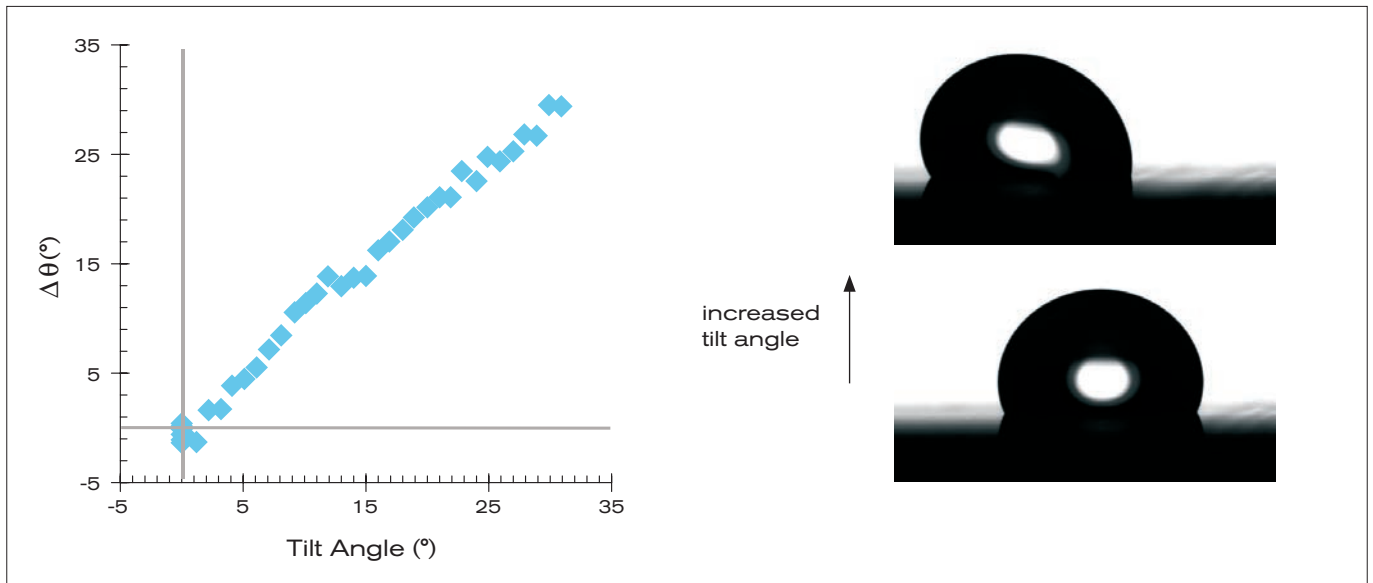


- Accurate determination of advancing and receding contact angles
- Dependence on tilt angle provides unique information
- Simple design / easy to use
- Free software upgrade

KSV Instruments automatic tilting cradle has been specifically designed for use with CAM 200 contact angle meters. The cradle allows accurate determination of advancing and receding contact angles, and contact angle as a function of tilt angle and tilt speed.

Advancing and receding contact angles are dependent on the chemical and topographical heterogeneity of a surface, and are of critical importance in a large number of applications. Compared with other methods of determining advancing and receding contact angles, the cradle is simple, easy to use and the dependence on tilt angle can provide further information not available by other methods.

A free CAM 200 software upgrade allows all existing CAM 200 users to augment their system with the tilting cradle. The solid sample is held onto the stage using either double-sided tape, or a special vacuum adapter. Regardless of what you want to measure, the modular nature of the CAM 200 allows you to tailor an instrument to suit your needs.



Example graph of contact angle hysteresis ( $\Delta\theta$ ) versus tilt angle for a water drop on a teflon surface.

#### Technical Specifications

Tilting Range	0-90°
Tilting Resolution	0.1°
Tilting Speed	0.1-5° s <sup>-1</sup>
Power Requirements	110 – 240V

#### Further Information

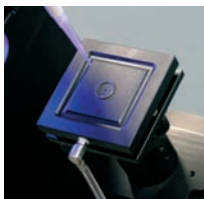
Please consult our website, for further information:  
[www.ksvltd.com/content/index/cam200](http://www.ksvltd.com/content/index/cam200)

#### Product Codes

Tilting Cradle	C204A
Vacuum Adapter	C204B
Vacuum Pump (optional)	C204C



Vacuum pump C204C



Vacuum adapter  
C204B



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