

Contact Angle Meter



Manufacturer: Apex Instruments Ltd.

Model: Acam-NSC

Applications: Measurement of Contact Angle and Tilt angle etc.

Specifications:

Contact Angle measurement 0° - 180° with an Accuracy of $\pm 0.05^{\circ}$

High Speed USB connectivity

Horizontal Camera Assembly with Integrated Fine Focus

High Performance C-Mount CCD with Infra-red Cut Filter

Aberration Corrected High Magnification Lens

Max Frame rate : 75 fps (option 1) / 30 fps (option 2)

Max Image resolution : 744 X 480 Pixels (option 1) / 2592 X 1944 Pixels (option 2)

Magnification : 5X (10X optional)

LED based Lighting with Hysteresis Free Illumination

Software controlled illumination : Not Available

Substrate Stage Dimension [L X W (in mm)] : 150 X 100

Substrate Stage Z-axis Movement : Up to 40 mm (can be customised on request)

Precise level adjustment by four adjustable levelling screws

Precision Dispensing Module (Both Manual & Automatic)