

CONTACT ANGLE MEASUREMENT EQUIPMENT



MODEL: DIGIDROP by GBX

INSTALLATION PLACE: Microfluidics Characterization Laboratory, (room No16-new building), Department of Microelectronics

DESCRIPTION: Surface wetting properties are monitored with a Camera using this contact angle measurement system by GBX Company. Static, advancing, receding contact angles may be measured

SPECIFICATIONS

1. Only DI water measurements. Other liquids require additional syringes
2. Liquid drop volume 0.5-10 μ l.
3. Maximum magnification:10X
4. Accuracy of contact Angle: ± 0.7 degrees
5. Method of measurement: tangent at the triple-phase point.

APPLICATIONS

1. Static and dynamic contact angle measurements
2. Drop video capturing
3. Wetting range measurement: $0^\circ - 180^\circ$

CERTIFICATION/ACCREDITATION

The facility is not certified or accredited.

CONTACT PERSON

Dr Evangelos Gogolides

E-mail: evgog@imel.demokritos.gr

Tel.: +30 210 6503237

Fax (+30) 210 6511723