Contact Angle Measuring Device dataphysics OCA 20

IMA-TechSheet #102230 V2





dataphysics OCA 20

Description:

- Determination of wetting properties of fluids and solids based on surface and interface parameters
- Highly performing measuring system thanks to high-quality optics, precise liquid dosing and precise sample positioning

Technical Data:

Measuring range	0,01 – 2000	mN/m
Temperature	0 - 80	°C
Resolution	0,02	0
Specimen weight	0,1 - 3000	g

Available Test Methods:

- Determination of the surface energy of solids by measuring the contact angle of different test liquids (sessile & captive drop method)
- Determination of the surface and interfacial tension of liquids and their polar and disperse components (pendant drop method)
- Measurement of the advancing and receding contact angles of Fluids on solid surfaces



Measurement of a liquid specimen