KRÜSS Technical Notes Overview | 03.04.2018

Number	Year	Instrument	Title	Keywords
TN 319 d/e	2018	DSA25	Dosing falling drops with a defined volume for contact and roll-off angles	Dosing, drop volume, contact angle, roll-off angle, falling drops, absorbing materials, paper
TN 318d/e	2017	DSA100	Inline process control of wettability by means of contact angle measurement on moving surfaces	Wetting, adhesion, quality control, contact angle, surface treatment, cleaning
TN 317d/e	2012	DSA100, DSA30	Inclination to know-how - Professional measurement of the roll-off or sliding angle and dynamic contact angle	Sessile drop, tilting table, dynamic contact angle
TN 316d/e	2010	DSA100, DSA30, EasyDrop	Determining the surface tension of liquids by measurements on pendant drops	Methods, surface tension, interfacial tension, pendant drop
TN 315d/e	2008	DSA100	Practical Contact Angle Measurement (5) - Custom-made models: from contact angle to surface free energy	Methods, contact angle, sessile drop, surface free energy, interfacial tension
TN 314d/e	2008	DSA100	Contact angle measurement in practice (4): Measuring with method – but with wich one?	Methods, contact angle, sessile drop
TN 313d/e	2007	DSA100	Contact angle measurement in practice (3): The eye also measures	Methods, contact angle, sessile drop
TN 312d/e	2007	DSA100	Contact angle measurement in practice (2): Measurement with nicely deposited drops	Methods, sample preparation, contact angle, sessile drop, plate
TN 311d/e	2007	DSA100, K100	Contact angle measurement in practice (1): Preparations and general conditions for contact angle measurements	Methods, sample preparation, contact angle, sessile drop, plate
TN 310e	2004	DSA100	Effect of drop volume on static contact angles	Sessile drop, Young-Laplace, Capillary length, Drop volume
TN 308e	2004	K9, K10, K11, K12, K100	Rings are for Fingers – Plates are for Surface Tension	DuNoüy ring method, Wilhelmy plate method, surfactant, surface tension, interfacial tension
TN 307e	2004	BP2, DSA10	Considerations Before Making Non-equilibrium Surface Tension Measurements	Surfactant, dynamic surface tension, Wilhelmy-Method, Pendant Drop, Bubble Pressure Technique
TN 306e	1999	K12, K100, DSA100	So You Want to Measure Surface Energy?	Surface Free Energy, Zisman Theory, OWRK Theory, Fowkes Theory, van Oss Acid-Base Theory
TN 303e	1996	G10, G2	A Practical Comparison of the Techniques Used to Measure Contact Angles for Liquids on Non-Porous Solids	Contact angle measurement, Wilhelmy method, sessile drop, advancing/receding contact angle
TN 302e	1996	K12	Wettability Studies for Porous Solids Including Powders and Fibrous Materials	Washburn method, powder, wettability, fibers, nonwoven, membranes, Zisman plot, pigment
TN 301e	1995	K12	Avoiding Contamination when Performing Automated Critical Micelle Concentration Experiments	Contamination, cmc measurement, surfactants