

Chair of Inorganic Chemistry I – Equipment Particle analysis Professor Dr. Josef Breu

Equipment	Type	Characteristics	Advisor
Streaming potential	Particlemetrix Stabisizer	pH- and electrolytic dependent measurements	Edenharter
Static light scattering	Retsch LA-950	measurement range: 30 nm – 3 mm fluids and solids	Daab
Sedimentation stability measurement	Lumifuge 114	dispersion analysis	Mayr
Chemisorption	Quantachrome Autosorb 1	multigas isotherms BET surface determination micropore analysis	Schwarzmann
Physisorption	Quantachrome Nova 2000e	quick N ₂ –isotherms surface determination	Schwarzmann
Freeze drying	Christ Alpha 1-4		Kunz
Laboratory centrifuge	Heraeus Multifuge 1L	300 – 15000 upm	Kunz