

Dynamic Light Scattering (DLS)

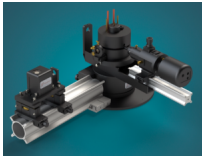
Principle

Determination of diameters of particles in dispersion, based on their scattering of light.

Capabilities

- Particle diameters (5 - 10,000 nm), distribution and polydispersity of particles in both organic and aqueous medium.

Assets

	Asset	Details
	Malvern Zetasizer Pro	Determination of diameters, distributions and polydispersity in backscattering and side scattering (173° and 13°). Temperatures between 10° and 120°C.
	Brookhaven goniometric Light Scattering	Determination of diameters, distributions and polydispersity in forward scattering 90° and 30°.
	Refractive index Instrument ABBE B (Zeiss)	

[back to Microscopy, Solution and Colloids Lab](#)