

Laser Particle Size Analyser

Instrument: Beckman Coulter LS 13320



Laser Diffraction Particle Size Analyzers are used to determine the particle distribution in fine-grained sediments. The main interest is to reveal the geological depositional history in sediments. The technique is based on the deflection of a laser beam when the beam hits a particle. The angle of the deflection depend on the size of the particle.

Beckman Coulter LS 13320 measures the particles in the area between 0.04 - 2000 microns using various theories (Fraunhofer and Mie) in light scattering and provides a very high resolution, reproducibility and accuracy.



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