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LenS3 Multi-Angle Light Scattering Detector

A Revolutionary Technology for Macromolecular Characterization

The LenS3 Multi-Angle Light Scattering Detector offers a revolutionary approach for the measurement of molecular weight (MW) and radius of gyration (R_g) of synthetic polymers, polysaccharides, proteins, and biopolymers. LenS3 is accompanied by SECView Software, offering seamless versatility from data acquisition to processing.



[Request sample measurements](#)

Highlights

- Highest Sensitivity**
 - A unique patent pending optics design
 - Green light source: ~2.7A- higher scattering intensity
- Extended R_g Measurement Range**
 - A new calculation method using the Angular Dissymmetry Plot
 - Patent pending revolutionary normalization procedure
 - Better signal-to-noise ratio with improved electronics and optics
- HPLC/UHPLC Compatibility**
 - High acquisition rate (up to 50 Hz)
 - Allows usage of semi-micro HPLC columns and narrow-bore UHPLC columns
 - Simultaneous multi-method execution and analysis
- Powerful and intuitive Software**
 - Simple calibration procedures
 - MW and R_g in a few clicks
 - dn/dc and UV extinction coefficient measurement

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