

PRESS ANNOUNCEMENT

Powerful triple detector for GPC/SEC

TESTA Analytical announce Trinity – a powerful new triple detector for Gel Permeation Chromatography / Size Exclusion Chromatography (GPC/SEC).

Triple Detection GPC/SEC is a gold standard technique for the complete and accurate characterization of macromolecules including proteins, polysaccharides, and synthetic polymers. Most often the technique combines both light scattering and viscometer detectors with a refractive index (RI) detector to deliver invaluable molecular weight and structure information to researchers.

Drawing upon decades of GPC/SEC technological innovation, TESTA Analytical has developed a system capable of unlocking the secrets of even the most complex synthetic polymers and natural macromolecules. The Trinity triple detector combines high-performance chromatographic detector technologies and powerful, yet easy to use software into an advanced triple detector GPC/SEC system.

When the focus of your investigation is not limited to molecular weights but needs to delve deeper into understanding the physical structure of a compound then the powerful combination of Differential Refractive Index (DRI), Multi-Angle Light Scattering (MALS) and Viscometer provided by Trinity is simply unbeatable. The Trinity triple detector

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delivers absolute values for molecular weights plus absolute intrinsic viscosity and precise Mark-Howink coefficient data enabling you to unlock information about both chain flexibility and molecular density. As a result, your determination of macromolecular branching can be based on solid data rather than assumed or projected data, opening the way to a deeper understanding of the macromolecule under study.

Each detector in the Trinity has independent temperature control to ensure that high levels of precision and reproducibility can easily be achieved from one day to the next. This powerful triple detector GPC/SEC platform is supported by a powerful software suite that combines highly intuitive operation with all the necessary tools to generate and present results from the collected raw data.

For further information on the Trinity triple detector GPC/SEC system please visit <https://www.testa-analytical.com/gpc-sec-chromatography.html> or contact TESTA Analytical on +49-30-864-24076 / info@testa-analytical.com.

TESTA Analytical is a leading specialist supplier of liquid chromatography instruments and detectors. Drawing upon over 30 years' experience, TESTA Analytical has established itself as a respected creator and supplier of top quality, innovative, high performance chromatography instrument kits, and detectors with end user and OEM clients around the world.

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Illustrative image:



Caption: Trinity triple detector for GPC/SEC

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