Refractive Index Detector

The Differential Refractive Index (DRI) Detector from Testa Analytical Solutions is a next-generation instrument for challenging gel permeation chromatography/size-exclusion chromatography (GPC/SEC) applications. Its high sensitivity makes it the perfect companion for characterization of natural and synthetic polymers as well as protein investigations. The instrument works at the same wavelength as multi-angle light scattering (MALS) and static light scattering (SLS) detectors, enabling determination of both absolute concentration and total mass balance. It operates from room temperature up to 80°C. Designed to operate in both horizontal and vertical orientations, the compact detector has the versatility to fit your available benchspace. While developed for use with GPC/SEC multidetector systems, the DRI Detector also provides unbeatable performance in more classical HPLC applications, such as detection of sugars, and is available optimized for low flow rates down to 300 µL/min.

**Testa Analytical Solutions**
For info: +49-30-864-24076
www.testa-analytical.com

Column Series for Biotherapeutics

bioZen from Phenomenex is a series of liquid chromatography (LC) solutions for bioseparations in pharmaceutical, biopharmaceutical, and academic research. The series encompasses both proven and entirely new media spanning two particle platforms—core-shell and thermally modified fully porous. The initial bioZen product line features seven chemistries for UHPLC and HPLC characterization of biotherapeutics, such as monoclonal antibodies, antibody–drug conjugates, and biosimilars. The offering includes specific LC chemistries for analysis of aggregates and total monoclonal antibodies, intact mass and fragments, peptide mapping and quantitation, and glycan mapping. All bioZen media, particle sizes, and phases are available in Phenomenex’s new, biocompatible titanium hardware, which minimizes secondary reactions, carryover, and other recovery issues to provide better overall reproducibility than stainless-steel hardware. It also reduces the time typically spent on column priming and does not interfere with protein or peptide integrity.

**Phenomenex**
For info: 310-212-0555
www.phenomenex.com

**Evaporator for Kilo-Scale Preparative Chromatography**

Configured with a 5-L 316 stainless-steel evaporation vessel, the Rocket 4D Synergy from Genevac offers productive automated removal of solvent for labs running kilo-scale preparative chromatography equipment. Such labs have traditionally relied upon several rotary evaporators to remove the large volumes of solvent resulting from sample fractions. This time-consuming manual process requires a dedicated operator to top-up dry ice in cold traps, feed the systems with more product, and watch them continually. With the Rocket 4D Synergy, you simply load your sample, select a method, press start, and walk away—the system will do the rest. Compact in size, the instrument allows you to dry or concentrate your samples with complete confidence, as it uses proprietary vacuum technology to suppress solvent bumping and foaming—problems associated with sample loss when using large-scale rotary evaporators.

**Genevac**
For info: 845-255-5000
www.spscientific.com/rocket4dsynergy

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