

High-Temperature GPC/SEC System



Polymer Char has announced the development of an automated 4D gel permeation chromatography (GPC/SEC) system with improved infrared (IR) detectors to measure the composition and molar mass of polyolefins.

The GPC-IR instrument incorporates features such as full integration of the new IR detector IR5 MCT, with high sensitivity and stability to measure both concentration and composition. Other detectors such as a four capillary bridge viscometer and a multi-angle light scattering detector for long chain branching (LCB) can be coupled to the GPC-IR. The system automates sample preparation steps, including the initial vials filling, as well as an in-line filtration with backflush cleaning. As a result, neither vials transfer nor manual solvents handling is required at any moment throughout the analytical process.

Visit Polymer Char at Pittcon booth #2931.

Polymer Char, www.polymerchar.com [1]

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